



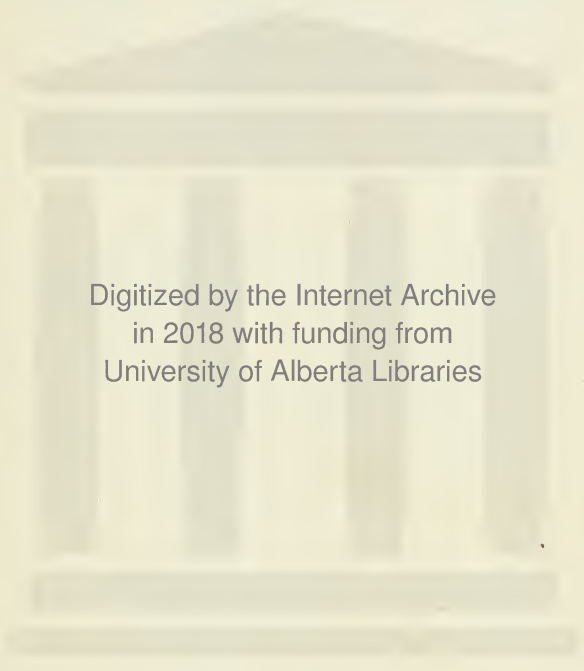
Number Stories

CURRICULUM

BOOK 2

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Number Stories BOOK 2

by J. W. STUDEBAKER

W. C. FINDLEY F. B. KNIGHT

WILLIAM S. GRAY, *Reading Director*

Illustrated by Matilda Breuer

CURRICULUM FOUNDATION SERIES

Scott, Foresman and Company

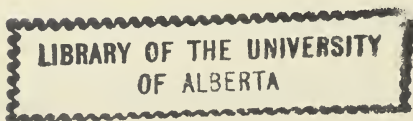
CHICAGO, ATLANTA, DALLAS, NEW YORK

For complete information concerning the arithmetical contents of this book see pages 254 to 256. For information concerning the vocabulary see pages 251 to 253.

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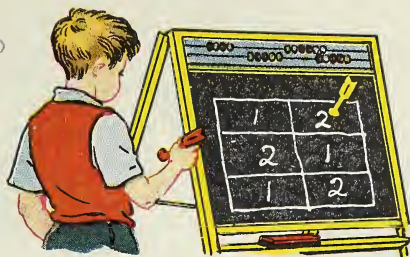
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Bingo Finds the Surprise

"Come with me, Betty," said Bobby.

"Come and see what we are doing at the beach."

"Good," said Betty. "I will come, and so will Bingo."

"Come on, Betty," said Bobby.

"Come on, Bingo. Let's go!"





"Just look, Betty!" said Bobby.

"See all the things we have made!

The one I made is here, too."

Betty said, "I like them, Bobby!

Which one did you make?"

Bobby said, "I made something funny.

It is a surprise for you, but you must find it first."



Betty said, "I can find it."

So she began to look.

First she saw a big rabbit.

"What a funny big rabbit!" she said.

Just then she saw a bigger rabbit.

And then she saw the biggest one of all.

"Oh! Oh!" laughed Betty.

"The biggest rabbit has a hat!

Is that the surprise, Bobby?"

"No," said Bobby. "Jack made the rabbit.
Look some more for my surprise."



"Here are some big boats," said Betty.

"Look, Bobby! The mast on this boat is just as tall as I am.

And the other boats have taller masts!"

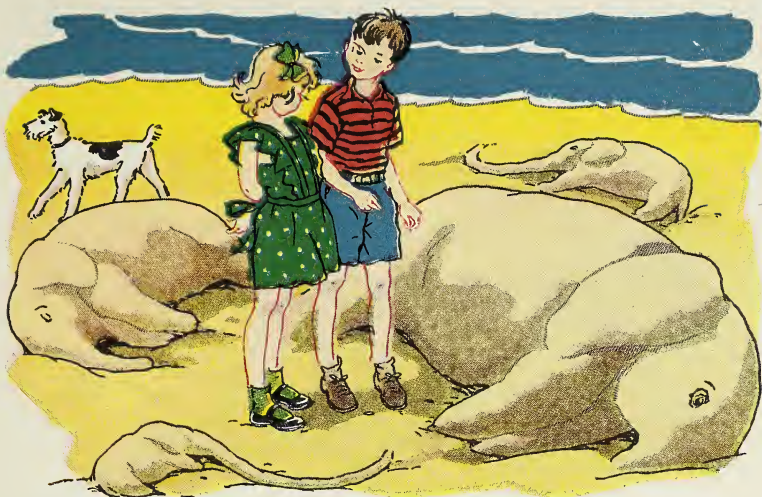
Bobby said, "Here is Jack's boat.

It has the tallest mast of all.

Don't you like it?"

"Yes," said Betty. "But I want to see what you made."

Bobby laughed and said, "You will see it soon."



"Oh! I see what you made!" said Betty.

"You made four elephants. Two have short trunks, and two have long trunks.

The bigger the elephant, the shorter the trunk! And the biggest elephant has the shortest trunk of all!"

Bobby said, "They are not my elephants.

The thing that I made is longer than they are.

Come on, Betty. Look some more.

You are near the surprise now."

Just then Bingo said, "G-r-r-r-r!"

"Look at Bingo," cried Betty.

"Oh, Bobby! Look!

See what Bingo is doing!"

Bobby said, "Don't jump, Bingo! Stop!
Please stop!"

"G-r-r-r-r-r-r-r!" said Bingo.

"G-r-r-r-r-r-r-r!"





All at once Bingo made a big jump.

"Oh! Oh! Oh!" cried Bobby.

"I had a good surprise for you.

But just look at it, Betty!

I can't surprise you now."

Betty said, "You had a good surprise.

I liked it most of all."

Then Betty began to laugh.

"What a good joke," she said.

"What a good joke on me!

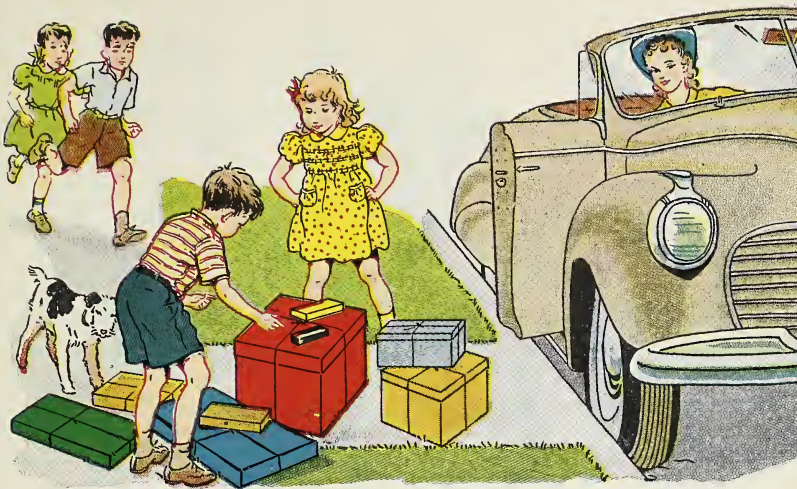
I looked and looked for the surprise.

But Bingo saw it first!"



Tell about the Pictures

1. Is the lighthouse with two windows the tallest of the three lighthouses?
2. Which lighthouse is shorter than the lighthouse with three windows?
3. Which lighthouse is taller than the lighthouse with three windows?
4. Which is the shortest lighthouse?
5. Look at the picture on page 7, and tell which rabbit is the biggest one.
6. Which mast in the picture on page 8 is the tallest one?



New Things for School

"Do we have all the boxes?" said Betty. Bobby said, "One, two, three, four, five, six, seven, eight, nine boxes.

They are all here, Betty.

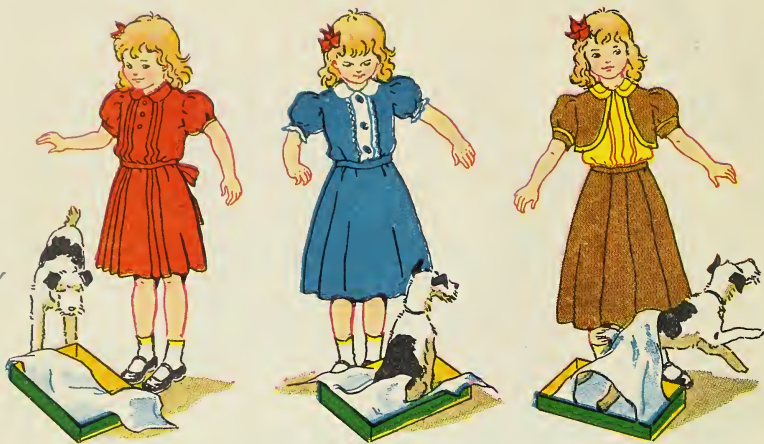
Let's carry them into the house."

Betty said, "I can carry two boxes."

Just then Jack and Jane came by.

"We will carry some boxes," said Jack.

"Good," said Betty. "Then you can see what we have in them."



"Oh, Betty! You bought a red dress, a brown dress, and a blue dress," said Jane.

"Put them on so we can see them."

So Betty put on the red dress.

"Oh, my! It is too long," she said.

Then she put on the blue one.

"This dress is longer than the red one," she said.

Then Betty put on the brown dress.

She said, "This is the longest of all."

Mother said, "I will make each dress shorter, Betty, and you can help me."



“Show me what you bought, Bobby,”
said Jack.

So Bobby opened a large box.

“New high tops!” said Jack.

“I wish I had some!”

Then Bobby opened a larger box.

“A new hat!” said Jane.

“Oh, Bobby! I like it.”

Jack said, “Hurry, Bobby! Hurry!
Let’s see what is in the largest box.”

Bobby said, “This is something that we
can play with. Here it comes! Catch it!”



“Here are my three boxes,” said Mother.

“And no one saw what I bought.”

“Oh, Mother,” said Betty.

“When did you buy these things?”

Mother laughed and said, “I bought them when you were looking at the toys.”

Then she said, “Here is a small box for you, Betty.

And here is a smaller one for Bobby.

Let’s look in these two boxes now and in the smallest one last of all.”



So Betty and Bobby opened the boxes.

“A new pencil box for school,” said Bobby. “Thank you, Mother.”

Betty said, “Just look! My box holds one, two, three, four, five, six, seven, eight, nine, ten new pencils!

Thank you, Mother, thank you.”

Just then Bobby looked at Bingo.

“Oh! how funny!” he cried.

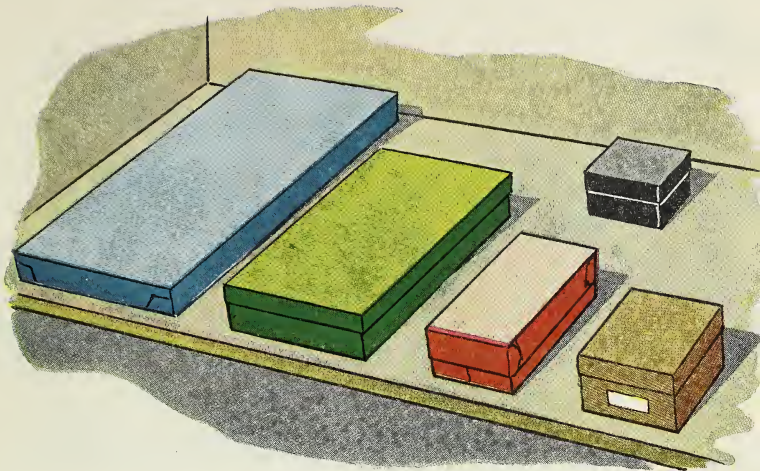
“There was something for Bingo in the smallest box. And he has it!”



Large and Small

Bobby's dog, Bingo, is in this picture.
What is he doing?

1. Is Bingo as large as the white dog?
2. Is the brown dog as small as Bingo?
3. Is the black dog smaller than Bingo?
4. Which dog in the picture is larger than the white dog?
5. Which dog is smaller than Bingo?
6. What is the largest dog doing?
7. What is the smallest dog doing?



Long and Short

1. Is the black box as long as the brown box?

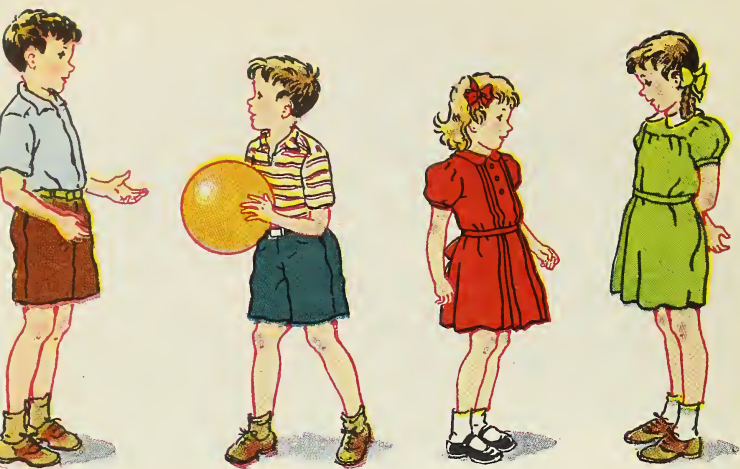
2. Is the green box as short as the brown box?

3. Which box is longer than the green box?

4. How many boxes on the shelf are shorter than the red box?

5. Which is the longest box?

6. Which is the shortest box?



Tall and Short

Betty is showing Jane her red dress.

Bobby is throwing the ball to Jack.

1. Is Betty as tall as Jack?
2. Is Bobby as tall as Jane?
3. Is Bobby as short as Betty?
4. Is Jane taller than Betty?
5. Who is taller than Jane?
6. Who is shorter than Bobby?
7. Who is the tallest?
8. Who is the shortest?



At School Again

"Look at all these new things we have to play with," said Betty.

"We can have a good time with them."

Bobby said, "We have five new balls and two new bats."

"Good!" said Jack. "We will want more balls than bats."

Jane said, "Here are three new ropes, and there are just as many other new ones.

Six new jumping ropes to play with!"



“Let’s put the playthings away now,”
said Miss Hill.

“There are some balls on this top shelf
and some ropes on the middle shelf.

But we can put the new things here, too.”

Jane said, “May I put them away?

I can do it in a hurry!

You will see how fast I can do it!”

Miss Hill said, “You may put them
away, Jane.

Maybe Jack and Betty will help you.”

"I'll help," said Betty. "Let me see.

The bottom shelf is the biggest.

So we can put most of the things on that shelf."

Jack said, "I'll put the two bats and the six ropes on the bottom shelf."

Betty said, "I'll put the five balls on the middle shelf."

"Oh, no!" said Jane. "Let's put some of the things on each shelf.

Let me do it."

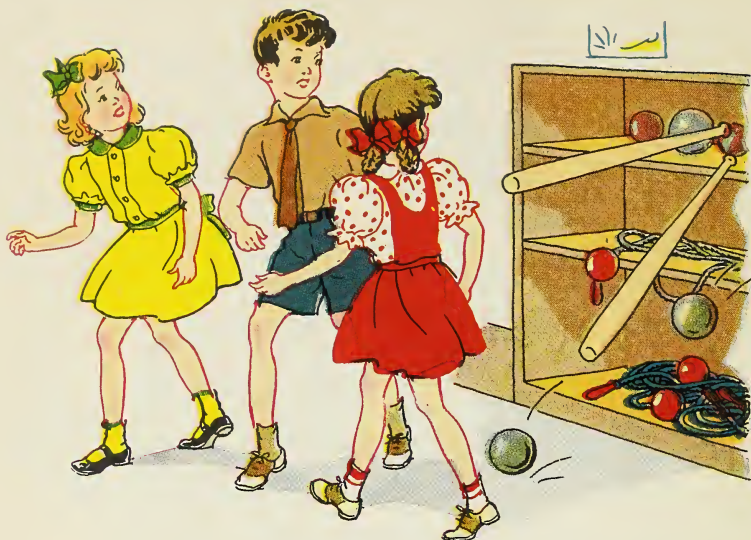
So Jane put all the new things away as fast as she could.

She put two bats on the top shelf and three new balls on the middle shelf.

Then she put all the other new things on the bottom shelf.

"There!" she said. "That is how to put things away in a hurry.

Let's show Miss Hill!"



Just then there was a bang!

Bang! Bang! Down came the two bats.

Bump! Bump! Bump!

Down came three of the balls.

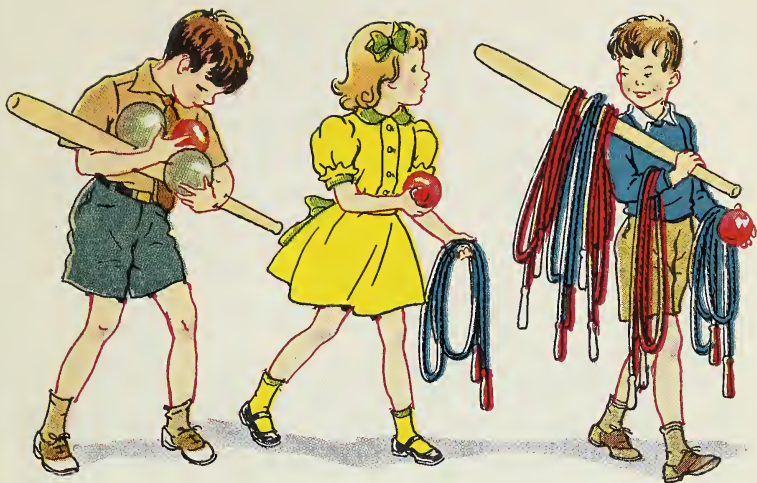
"Oh! Oh! Oh!" cried Betty.

"See the things Jane put away!"

Jack began to laugh.

"Come on, Jane," he said.

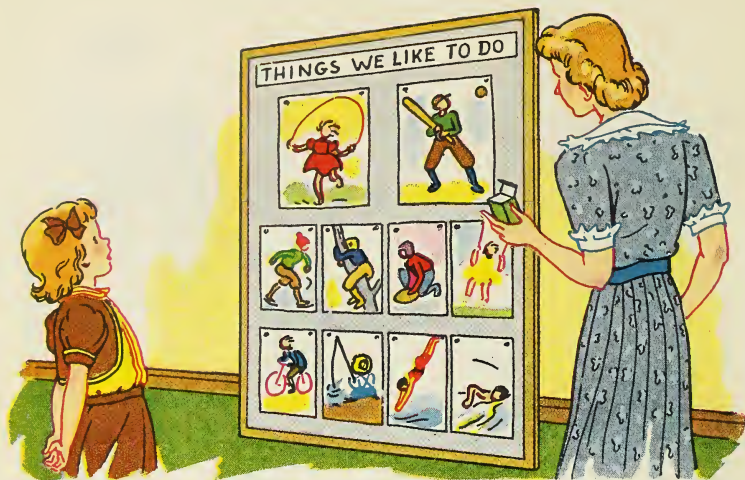
"We will help you put them away again. But this time we will not hurry!"



Many, More, and Most

Bobby is carrying a ball, a bat, and some jumping ropes to the playground.

1. How many things is Bobby carrying?
2. How many things is Betty carrying?
3. How many things is Jack carrying?
4. Is Betty carrying as many things as Bobby?
5. Is Jack carrying more than Betty?
6. Is Bobby carrying more than Jack?
7. Who is carrying the most things?



Top, Bottom, and Middle

Betty is looking at some pictures that the other boys and girls have made.

1. How many pictures are in the top row?
2. How many are in the bottom row?
3. Which row has just as many pictures as the middle row?
4. In which row do you see a picture of a boy in a tree?
5. In which row do you see a picture of a girl jumping a rope?



Bingo Stops the Game

"See what I have made," said Jane.

"Now we can play the game."

Betty said, "We have to write some numbers first."

Jane said, "I can write the numbers for the first four squares. But I can't write all the numbers. Can you, Betty?"



Just then Nancy and Tom came by.
Nancy said, "Do you want some help?
Do you want me to write the numbers
for you?"

"Yes," said Betty. "We want help."

So Nancy helped them write the numbers.

"Thank you, Nancy," said Jane.

"Now we want you to play with us."

Betty said, "Don't you want to play,
Tom? We wish you would."

"I am going to get Bobby," said Tom.

"Then we can all play."

Tom ran to get Bobby, and soon all five children were ready to play.

Jane said, "Nancy is the shortest.

Let her be first in the game.

Betty is a little taller. So she can be second."

Bobby said, "I will be third, Jane, and you can be fourth.

Tom is the tallest. He can be fifth."



"Now, Nancy," said Jane. "See if you can throw the stick on the first square."

Nancy said, "One, two, three, go!"

Away went Nancy's stick.

And away went Bingo, too!

"Oh, Bingo, stop!" cried Nancy.

"Come here with my stick!"

But Bingo ran on and on.

Bobby said, "Run! Run! Let's catch Bingo!"

So away ran the five children.





The Race after Bingo

When the children ran after Bingo, Bobby was first in the race.

1. Who was second in the race?
2. Was Betty third or fourth?
3. Was Jane second or third?
4. Was Nancy fourth or fifth?
5. Was Tom second or third?
6. Was the tallest girl fourth in the race?
7. Was the shortest girl fifth?

Numbers to Write

1 2 3 4 5 6 7 8 9 10

Look at the picture. It shows you where to start to write each number.

1. Make five squares just like these.



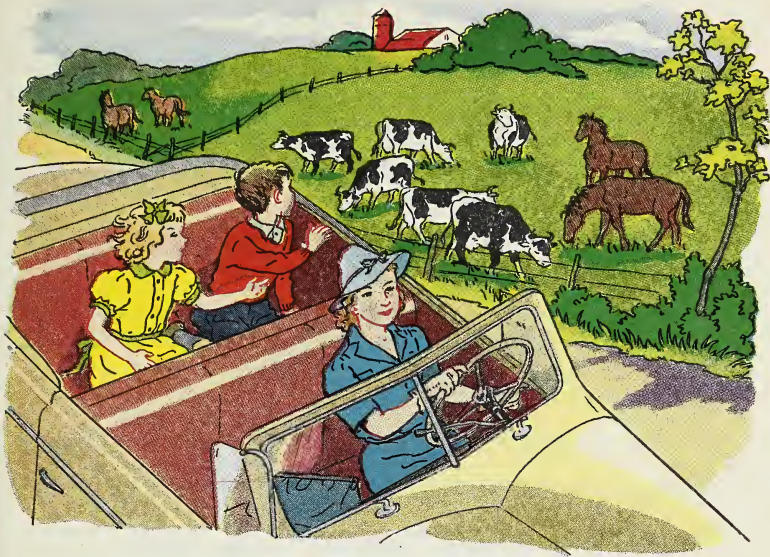
2. Put the numbers that are missing in the right squares.

3. Make five more squares like these.



4. Put the right numbers in the squares.

5. Write the numbers from 1 to 10.



A Counting Race

One day Betty, Bobby, and Mother went to buy some honey.

When they started out, Bobby said, "Let's have a counting race, Betty.

You count the cows that you see, and I will count the horses.

We will see if there are more horses than cows."

"Good!" said Betty. "I see some cows to count right now."

She counted, "1, 2, 3, 4, 5, 6."

Then Bobby counted some horses that he saw.

"I have counted eight horses," he said. "I'll win the race, Betty."

Soon Betty saw some more cows. She counted, "7, 8, 9, 10, 11, 12, 13, 14."

"Now I'll win, Bobby!" she said.

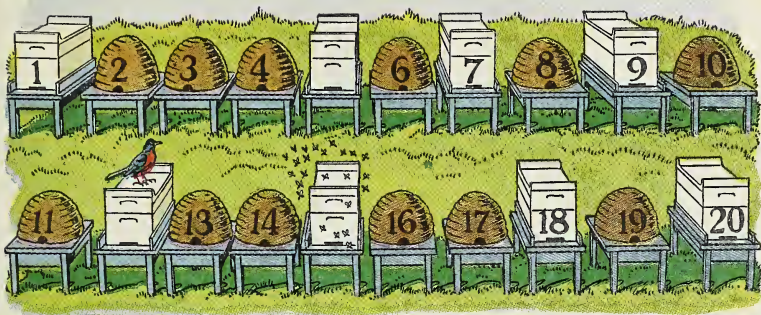
Bobby laughed and said, "Oh, no! I have counted 17 horses! I'll win!"

All at once Betty saw more cows. She counted, "15, 16, 17, 18, 19, 20."

Just then Mother said, "We must stop here to buy the honey."

"All right," said Bobby. "We will stop the counting race, too."

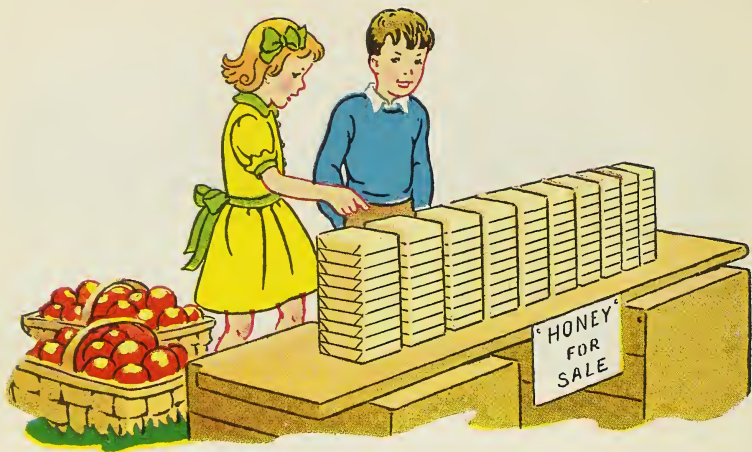
Did Betty or Bobby win the race?



Tell the Numbers

When Mother was buying honey, Betty and Bobby saw these hives for bees.

1. Which beehives in the top row are round beehives?
2. Which beehives in the bottom row are round?
3. What number should be on the hive between Hive 4 and Hive 6?
4. What number should be on the hive with the bird on it?
5. What number should be on the hive with the bees near it?



100 Boxes of Honey

“Just look at all that honey, Betty!” said Bobby. “Where did they get so much? There must be 100 boxes!”

“There can’t be that many,” said Betty.

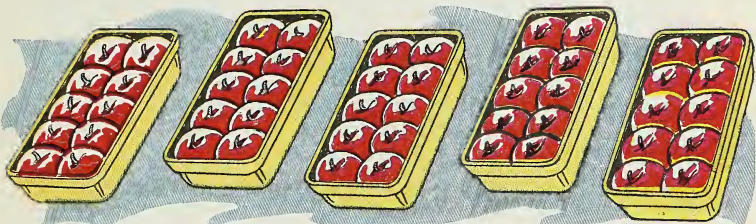
“Let’s count them and see,” said Bobby.

Betty said, “There are 10 little boxes in each pile. Let’s count them by 10’s.”

Bobby counted the little boxes like this,

“10 boxes, 20 boxes, 30 boxes, 40 boxes, 50 boxes, 60 boxes, 70 boxes, 80 boxes, 90 boxes, 100 boxes of honey.”

Counting by Tens



1. How many red apples are in each box?
2. Count all the red apples by tens.



3. How many green ones are in each box?
4. Count all the green apples by tens.
5. Look at the boxes of honey that Bobby counted. Count the boxes by tens.
6. Count to 90 by tens.

Counting to 100

You have been counting to 100 by tens. Page 39 shows the numbers from 1 to 100.

1. Count by ones to 20. If you cannot do this, look at the next page.
2. Count from 20 to 30.
3. Count from 30 to 50.
4. Count from 50 to 70.
5. Count from 70 to 100.
6. Count from 52 to 60.
7. Count from 68 to 86.
8. Count from 24 to 50.
9. When you count by ones, what number should you say after 60?
10. What number should you say after 34?
11. What number should you say after 49?
12. What number should you say after 76?
13. What number should you say after 29?

	10	20	30	40	50	60	70	80	90	100
1	11	21	31	41	51	61	71	81	91	
2	12	22	32	42	52	62	72	82	92	
3	13	23	33	43	53	63	73	83	93	
4	14	24	34	44	54	64	74	84	94	
5	15	25	35	45	55	65	75	85	95	
6	16	26	36	46	56	66	76	86	96	
7	17	27	37	47	57	67	77	87	97	
8	18	28	38	48	58	68	78	88	98	
9	19	29	39	49	59	69	79	89	99	

14. What number should you say after 99?

15. What number comes between 42 and 44?

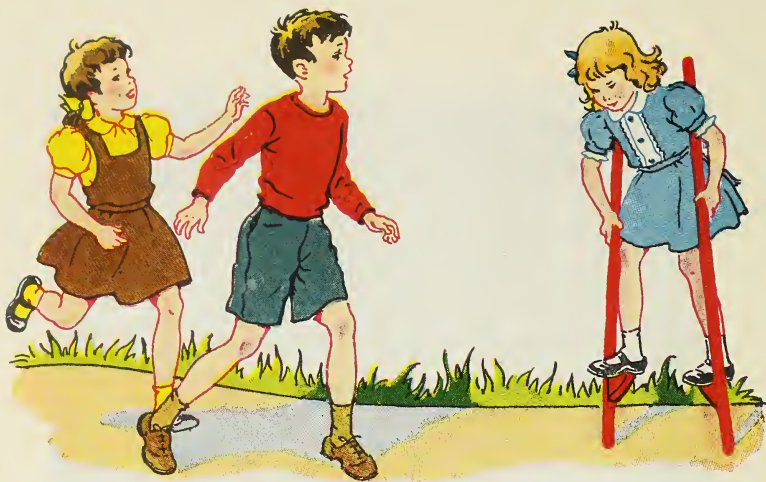
16. What number comes between 59 and 61?

17. What number comes between 98 and 100?

18. What number comes between 71 and 73?

19. What number comes between 66 and 68?

20. What number comes between 89 and 91?



Playing with Stilts

One day Betty went out of the house to play with her new stilts.

Bump! Bump! She went two steps on the new stilts.

Bump! Bump! She went two more. Just then she saw Jack and Jane.

"Look at me!" called Betty. "I can go four steps on my new stilts!"

"Oh, Betty," cried Jane. "How high you are!"



Jack said, "We have some stilts, Jane. Let's go home and get them."

So Jack and Jane went home, and soon they came back with the stilts.

When Betty saw them, she said, "Jane, your stilts are higher than my stilts.

And Jack's are highest of all!"

Are the red stilts the highest of all?

Are the green stilts higher than the red ones?

Which stilts are highest of all?

At the Playground

The children played with the stilts for a long time on Saturday.

At last Jack said, "I don't want to play with these stilts any more.

Let's go to the playground and play."

Betty said, "All right. Maybe we will find Bobby and Tom there."

So the children went to the playground. And there were Bobby and Tom.

"We are playing that we are on a boat," said Bobby. "Come up and play with us!"

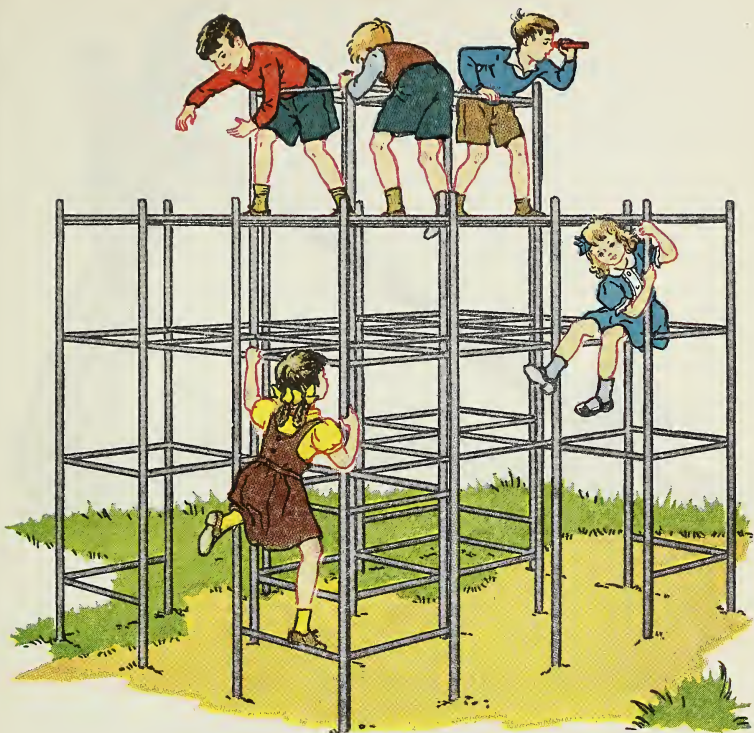
So Jack and Jane and Betty went up.

Soon Jack was as high as Bobby.

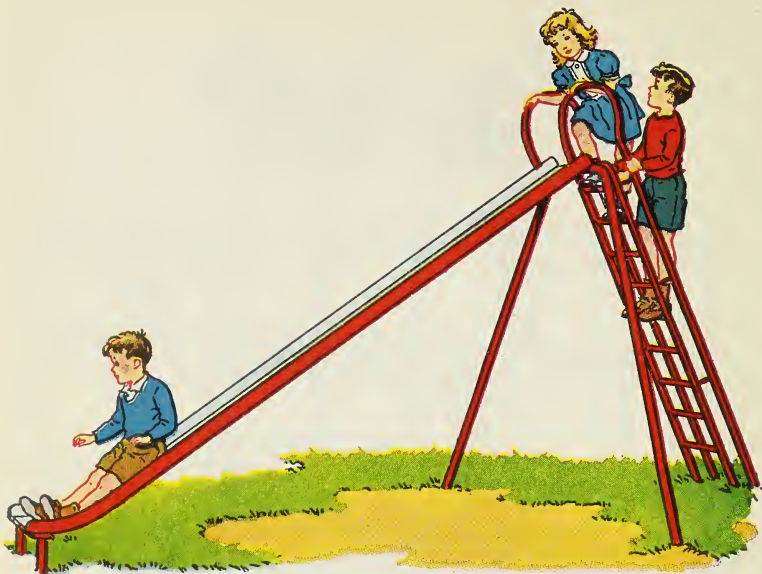
Betty was a little lower, and Jane was lowest of all.

"Come up as high as I am, Jane," called Betty.

"We can play we are on the boat, too."



1. Is Betty lower than the boys?
2. Is Jane lower than Betty?
3. Is Jack higher than Jane?
4. Is Betty as high as the boys?
5. Who is lowest of all?
6. Who is just as high as Tom?



High and Low

Betty is at the top of the slide, and Bobby is at the bottom. Where is Jack?

1. Is Jack as low as Bobby?
2. Is Bobby lower than Betty?
3. Is Jack as high as Betty?
4. Is Betty higher than Bobby?
5. Who is highest of all?
6. Who is lowest of all?

Tell about the Pictures

1. Look at the picture on page 15.
What is in the largest box?
2. What do you see on the top shelf
in the picture on page 22?
3. What is on the bottom shelf
in the picture on page 24?
4. Are there more horses than cows
in the picture on page 33?
5. What is the shortest girl doing
in the picture on page 29?
6. What is the tallest boy doing
in the picture on page 30?
7. How many windows do you see
in the smallest lighthouse on page 12?
8. Which dress on page 14 is longer
than the blue dress?
9. Look at the bottom row of pictures
on page 26. What is each boy doing?



A New Home for the Fish

"Here are some fish for the fish tanks," said Bobby.

"Look! I have seven little fish."

Jane said, "I have some fish, too. Here are my three fish."

Miss Hill said, "You have fewer fish than Bobby, Jane."

So let's put all three of your fish in the smaller tank."



"We must get some water now, Bobby," said Jane.

"All right," said Bobby. "I will get some water for your tank first."

Miss Hill said, "Jane's tank is smaller than yours. It will hold less water."

Soon Bobby had the smaller tank ready for Jane's three fish.

Then he went to get some more water.

He said, "My tank will hold six times as much water as Jane's."



"Look out, Bobby!" cried Jane. "Don't put too much water in your tank!"

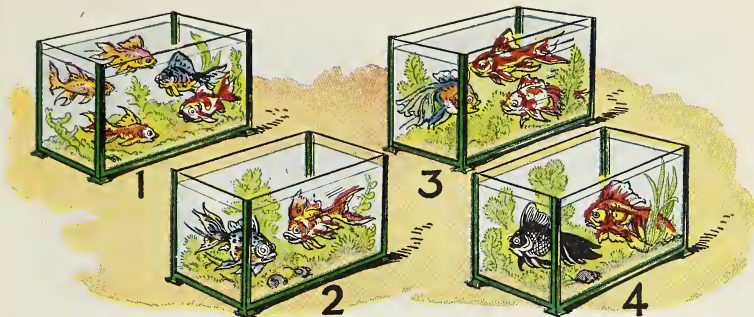
Bobby said, "It has just enough water, and now I'll put my fish in it."

So into the tank went Bobby's fish.

Splash! Splash! Splash! Splash!

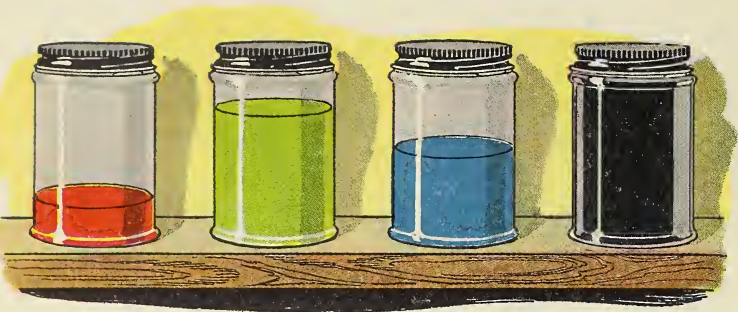
"Oh, Bobby!" cried Jane. "See where the water is going! It is splashing out."

Bobby said, "Oh my! You were right, Jane. Next time I will put less water in my fish tank!"



More and Fewer

1. Count the fish in each tank.
2. Are there more fish in the first tank than in the second tank?
3. Are there fewer fish in the third tank than in the second tank?
4. Are there fewer fish in the fourth tank than in the third tank?
5. Which tank has more fish than the third tank?
6. Which tanks have fewer fish than the third tank?
7. Which tank has just as many fish in it as the second tank?



More and Less

Bobby, Jane, and the other children liked to make pictures of the fish. Here are some of the paints they used.

1. Did they have more black paint than green paint?

2. Did they have more red paint than blue paint?

3. Did they have less red paint than green paint?

4. Did they have less blue paint than black paint?

5. Did they have more blue paint than green paint?



Three Things to Buy

"Here is the bread Mother wants," said Betty. "It costs ten cents."

"A dime is ten cents," said Bobby.

"So I will give the man this dime for it."

Betty said, "Now let's find something to buy for Bingo."

Just then Bingo said, "Gr-r-r-r!"

"I see what Bingo wants us to buy!" said Betty. "It costs ten cents, too."

Bobby said, "We don't have a dime. But here are two nickels. Let's buy it."

After they bought something for Bingo, Betty said, "We have one more nickel.

Mother said we could buy candy or peanuts with it."

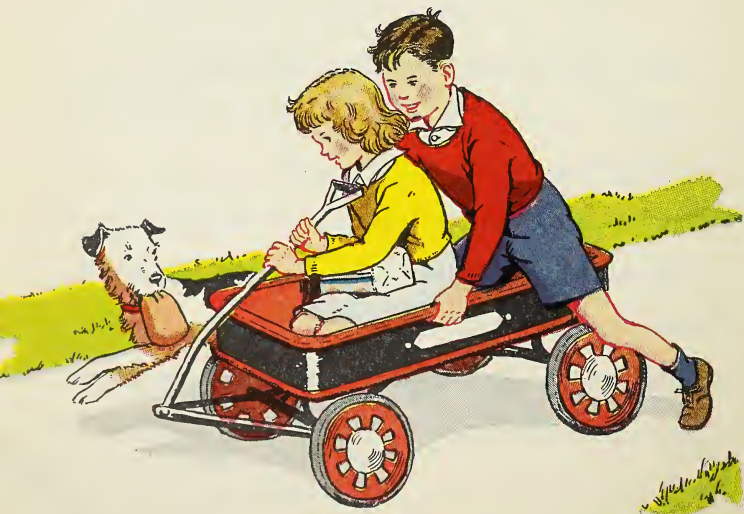
"Let's buy peanuts," said Bobby.

"They cost five cents a box."

Betty said, "Good! We can buy one box with the nickel."

So they bought one box of peanuts.

Then Bobby said, "Get in the wagon, Betty. Let's run a race home with Bingo!"





A



B

Pennies, Nickels, and Dimes

How many pennies are in Picture A?

How many nickels are in Picture B?

How many pennies are just as much money as one nickel?

Each picture at the bottom of this page shows ten cents.

How many nickels are just as much money as ten pennies?

How many dimes are just as much money as two nickels?

How many dimes are just as much money as ten pennies?



C



D



E



1



2



3



4



5

More Money

Which will buy more, the money in

1. Picture 2 or Picture 4?
2. Picture 1 or Picture 2?
3. Picture 3 or Picture 4?
4. Picture 2 or Picture 5?
5. Picture 4 or Picture 1?
6. Picture 5 or Picture 3?
7. Picture 1 or Picture 3?
8. Picture 5 or Picture 1?

Which Will Buy More?

1. 9 pennies or 7 pennies?
2. 2 nickels or 3 nickels?
3. 4 dimes or 3 dimes?
4. 1 nickel or 1 dime?
5. 3 pennies or 3 nickels?
6. 4 dimes or 4 pennies?
7. 8 nickels or 8 dimes?
8. 1 nickel or 6 pennies?

Which Will Buy Less?

1. 1 nickel or 3 pennies?
2. 13 pennies or 1 dime?
3. 1 nickel or 6 pennies?
4. 3 nickels or 1 dime?
5. 9 pennies or 1 dime?
6. 1 dime or 12 pennies?
7. 1 dime or 7 pennies?
8. 7 pennies or 1 nickel?



How the Clock Helped

"It is two o'clock now," said Mother.

"You may go out to play, Bobby, but come home at four o'clock."

Bobby said, "How can I tell when it is four o'clock?"

Father said, "I'll put this big clock on your wagon, Bobby.

It will tell you when it is four o'clock."

Bobby said, "I can't tell time.

So that clock will not help me."

"Oh, yes, it will," said Father. "You will see!"

So Bobby went out to play.

He found Jack and Tom, and first of all the three boys had a wagon race.

Then they played ball for a long time.

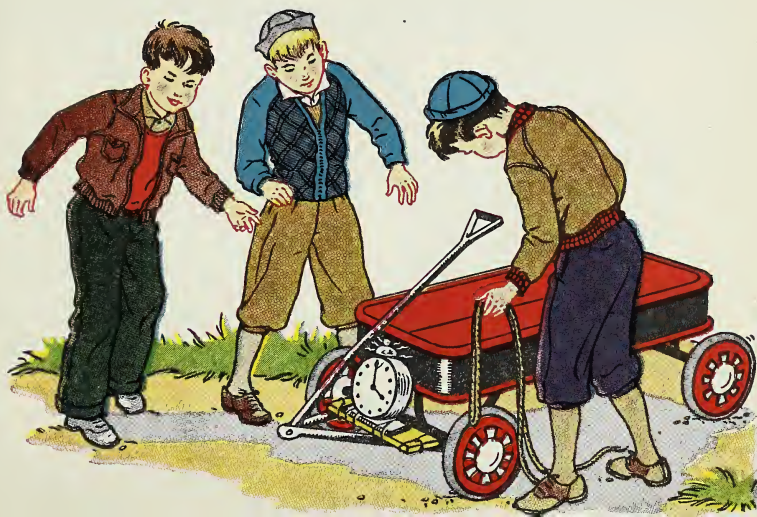
They were just starting to play Cowboy when something went "Br-rr-rr-rr-rr!"

"Oh! What is that?" cried Tom.

Bobby began to laugh.

"It is that clock on my wagon!" he said.

"Father said the clock would tell me when it was four o'clock. And it did!"



Telling Time

This clock shows that it is 4 o'clock.



The long hand of the clock is on 12, and the short hand is on 4.

When the long hand of the clock is on 12, the short hand shows what time it is.

What time does each clock show?



A



B



C



D



E



F



G



H



I



A Fast Ride

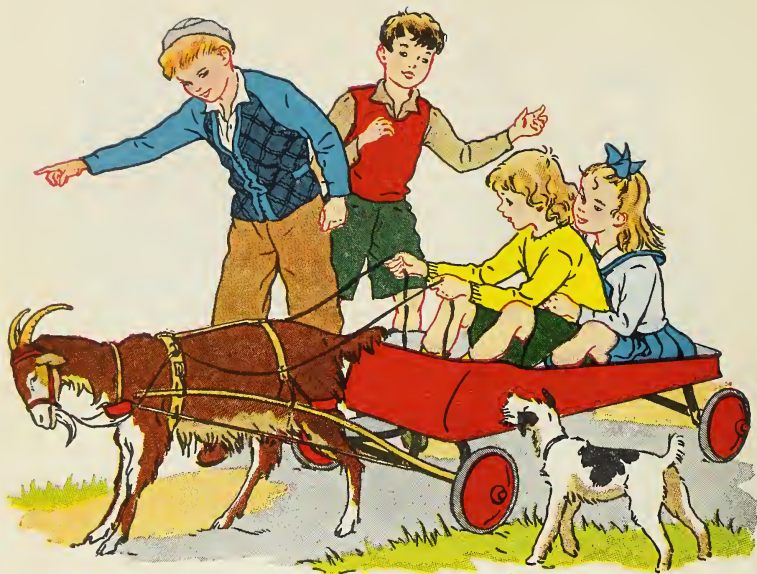
One day Bobby and Betty were playing near the house.

Nancy was playing with them.

All at once Betty said, "Look! Here comes Tom with his goat and wagon."

Bobby said, "Good! Maybe Tom will let us all have a ride."

"Oh, Tom," called Nancy. "Will you let us have a ride in your wagon?"



“Yes,” said Tom. “I’ll let you ride. Get in the wagon, Nancy. Get in, Betty. You girls may ride first.”

So Betty and Nancy sat in the wagon.

“Get up, Billy,” said Tom to his goat.
“Give the girls a good ride.”

How many children are in the picture?

How many children are in the wagon?

How many children are not in it?



“Get up, Billy! Get up! Get up!”
cried the two girls.

But Billy would not go.

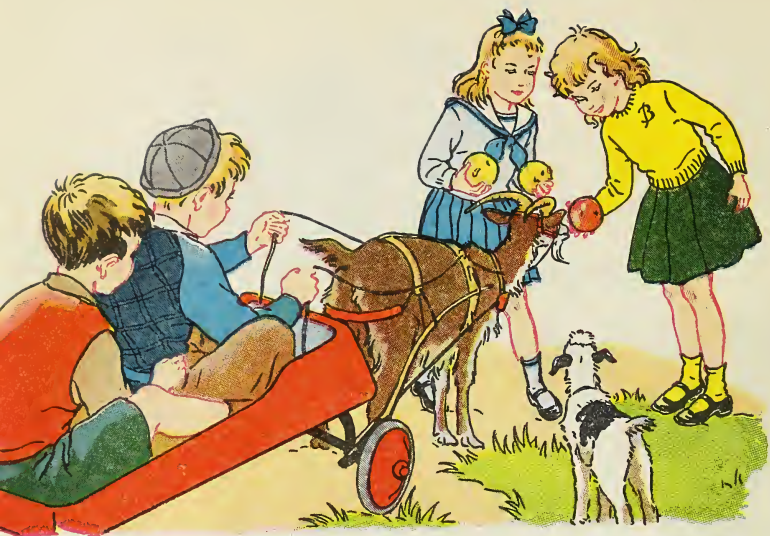
“Let’s get some sugar for him,” said
Bobby. “Then maybe he will start.”

The boys ran into the house. Soon they
came back with some lumps of sugar.

How many lumps do both boys have?

How many lumps does Bobby have?

How many lumps does Tom have?



Billy ate the six lumps of sugar. Then he gave the girls a ride in the wagon.

Next the two girls got out of the wagon, and both boys got in and sat down.

"Go as fast as you can, Billy," said Tom.

But Billy would not start. So Betty and Nancy got some apples.

How many apples do the girls have?

How many apples does Nancy have?

How many does Betty have?



Billy ate the three apples. Then Tom cried, "Get up, Billy! Get up!

We want a fast ride!"

Billy started with a big jump.

Bump! Bobby fell out of the wagon.

"Stop, Billy!" cried Tom. "Stop!"

But Billy ran and ran and ran.

Bobby ran after Billy and Tom. And some other children ran after them, too.

How many children are in the picture?

How many boys do you see?

How many girls do you see?

"Please stop, Billy," cried Tom.

"Stop, Billy! Stop, Billy!" called the other children.

And all at once Billy did stop.

Bump! Tom fell out of the wagon.

"Oh-h-h! Oh!" he cried.

"I'll never ask Billy for a fast ride again!"



Going to the Library

"We want to take some books back to the library, Tom," said Nancy.

"I wish we could ride to the library in your wagon."

"Hurry and get your books," said Tom.
"You may ride with Billy and me."

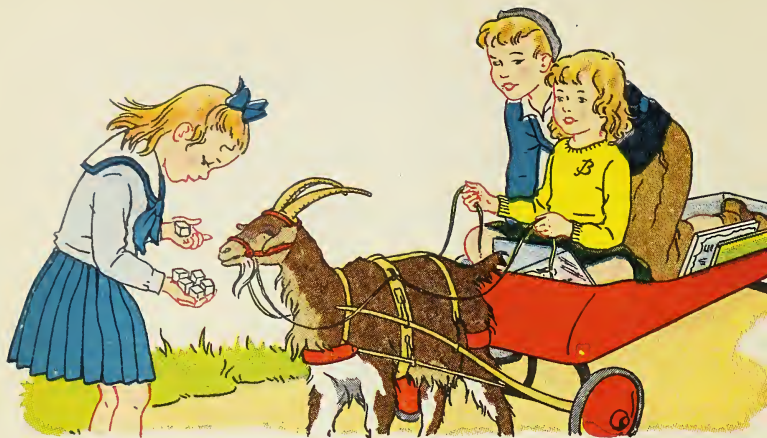
So the girls ran to get the books.

Soon they came back, carrying four books.

"Look, Nancy," said Betty. "You have two books, and I have two.

Two and two are four."





Nancy said, "I brought something good for Billy. See what I brought."

Tom said, "More lumps of sugar! Let's give them to Billy now."

So Nancy gave Billy one lump. Then she gave him five more lumps.

"One lump and five lumps are six lumps," said Betty. "Why, Billy! You ate six lumps of sugar!"

"Come on, Billy," said Tom.

"You should give us a good ride now." And away they went to the library.

The two girls went into the library, and soon they came out with six books.

Tom said, "Let's pile all of the books in the wagon before we get in."

The children began to pile the books in Tom's wagon. But just then Billy started to run.

Bang! Bang! Bang! Some books fell out of the wagon.

Bang! Bang! Bang! More fell out.

"Hurry, Tom!" cried Nancy. "Catch Billy. We will find the books."

Soon Betty said, "Here are five of them."

"Here is one more," said Nancy.

"Five books and one book are six books. So we have them all now."

"And here comes Tom with Billy and the wagon," said Betty.

"Now we can ride home after all."



Four Books to Read

When they got home, Betty and Nancy showed some of the books to Bobby.

How many books are Betty and Nancy showing Bobby?

How many books does Betty have?

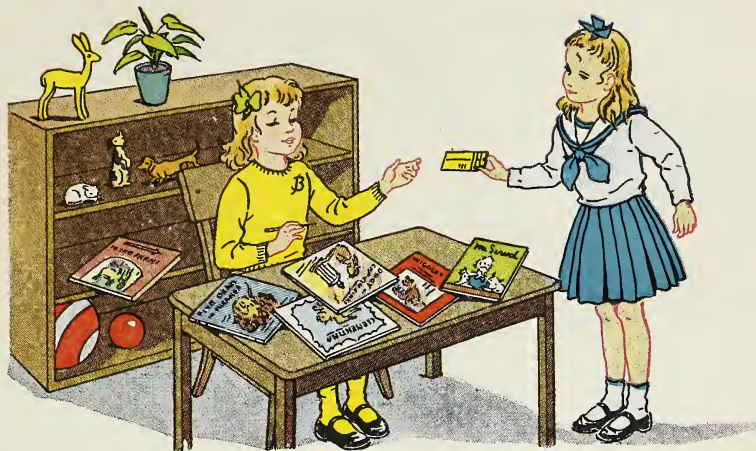
How many books does Nancy have?

Two books and two books are four books.
2 and 2 are 4.

Here is another way
to write 2 and 2 are 4. →

$$2+2 \text{ are } 4.$$

Say and when you see this +.



A Play Library

Betty and Nancy played that they had a library in Betty's house.

How many books are in the picture?

How many books are on the table?

How many books are on the shelf?

Five books and one book are six books.

One book and five books are ____ books.

5 and 1 are 6.

1 and 5 are 6.

5 + 1 are 6.

1 + 5 are 6.



Bulbs to Plant

One day Bobby's mother gave him some bulbs to take to school.

When the children saw these bulbs, they wanted to plant them.

Miss Hill said, "We have some bowls on the shelf near the window, Bobby.

Will you and Betty get enough of them for all of the bulbs?"

So they went to get the bowls.

Betty said, "Let's use two large bowls and one small one. That will make three.

Two and one are three."

Bobby said, "We can't plant many in that small bowl."

"No, we can't," said Miss Hill. "Two or three bulbs will be enough in it."

Bobby gave one bulb to Henry and two bulbs to Mary.

"You plant one bulb, Henry," he said. "And Mary can plant the other two."

Then we will have three bulbs in the small bowl."

"That is right," said Henry. "One bulb and two bulbs are three bulbs."





"We have eight more bulbs to plant," Bobby said.

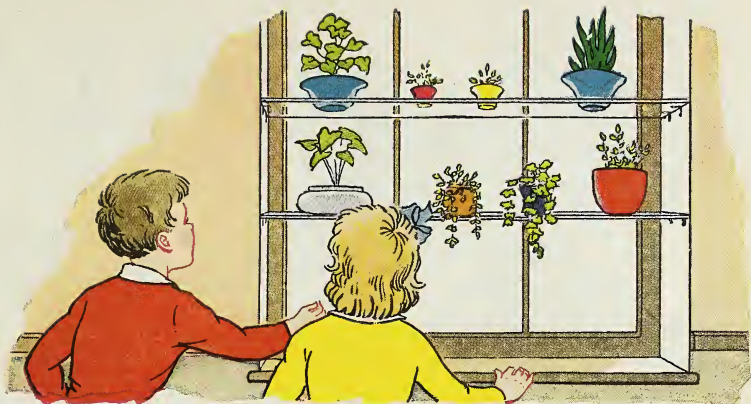
"Let's plant four in the white bowl and four in the green one," said Betty. "That will be eight bulbs."

"All right," said Bobby. "You plant four bulbs, and I'll plant four."

Soon the eight bulbs were planted.

Then Betty said, "I am going to look at the bulbs each day.

I want to be the first one to see the flowers."



Other Plants at School

Here are some of the other plants in Betty's room at school. The children watered them three times a week.

How many plants are in the picture?

How many are on the bottom shelf?

How many are on the top shelf?

Four plants and four plants are eight plants.

4 and 4 are 8.

4 + 4 are 8.



Bowls for Flowers

One day Mary and Henry got some bowls ready for their plants.

How many bowls are in the picture?

How many bowls does Henry have?

How many bowls does Mary have?

Two bowls and one bowl are three bowls.

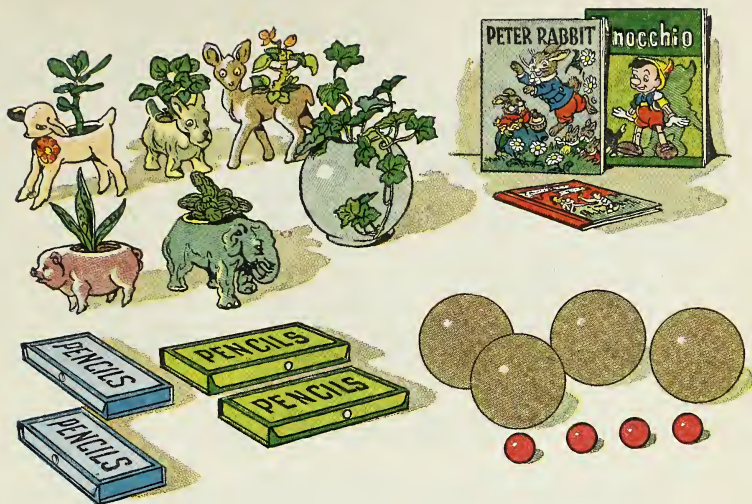
One bowl and two bowls are ____ bowls.

2 and 1 are 3.

1 and 2 are 3.

$2 + 1$ are 3.

$1 + 2$ are 3.



How Many?

5 plants and 1 plant are ____ plants.

1 plant and 5 plants are ____ plants.

2 books and 1 book are ____ books.

1 book and 2 books are ____ books.

2 boxes and 2 boxes are ____ boxes.

4 balls and 4 balls are ____ balls.

$5 + 1$ are ____.

$4 + 4$ are ____.

$2 + 1$ are ____.

$1 + 5$ are ____.

$2 + 2$ are ____.

$1 + 2$ are ____.



Fluffy's Surprise

One day Betty and Bobby were looking for Fluffy, their big cat.

"Maybe she is up in one of the trees and can't get down," said Bobby.

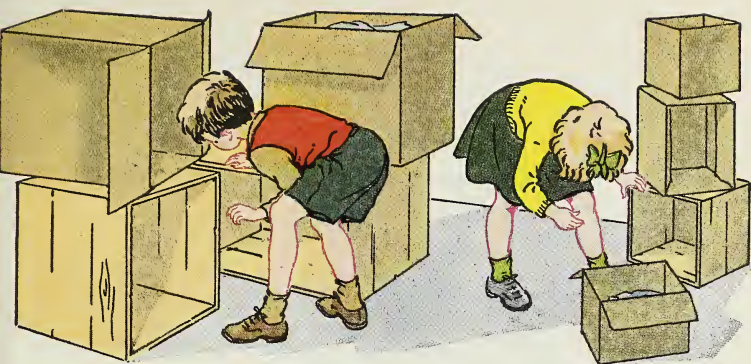
So they began to look in the trees.

Bobby looked in two tall trees, and Betty looked in one short tree.

But they did not see Fluffy.

In how many trees did the children look for Fluffy?

2 trees and 1 tree are how many trees?



"Let's look in the garage," said Betty.
Bobby went with Betty, and they looked
in the garage.

"I don't see her," said Bobby.

"Why don't we look in these boxes?"
asked Betty.

Bobby looked in four large boxes, and
Betty looked in four small boxes.

But Fluffy was not in any of them.

How many boxes were there?

Did the children look in all the boxes?

Four boxes and four boxes are
how many boxes?

At last Bobby said, "Maybe she is in that big hole under the steps."

Bobby and Betty went to look in the hole under the steps.

And there was Fluffy in a big box!

"Me-o-o-ow!" she cried.

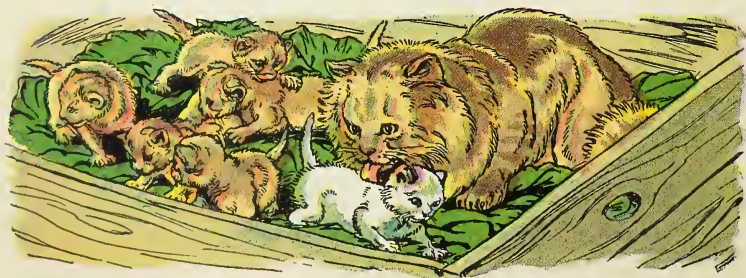
"Me-o-o-ow! Me-o-ow!"

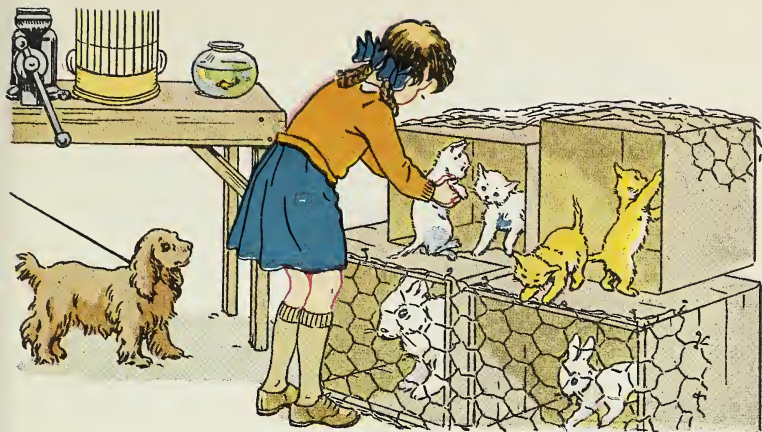
Betty and Bobby looked in the box. They saw five little yellow kittens and one little white kitten.

"Oh, Fluffy!" said Betty. "Now I see why we could not find you."

How many kittens were in the box?

Five kittens and one kitten are how many kittens?





A Pet Show

One day after school Bobby and Betty gave a pet show in their garage.

1. Jane brought all the kittens she had to the show. She brought 2 white kittens and 2 yellow kittens.

To find how many kittens Jane had at the pet show, think:

2 kittens and 2 kittens are ____ kittens.

How many kittens did Jane have at the pet show?

2. Tom brought 1 large rabbit and 2 small rabbits to the pet show.

How many rabbits did he bring?

3. Mary had 6 birds in a cage. Jack let all of them get out of the cage. Mary caught 5 of the birds, and Jack caught 1 of them.

Did they catch all 6 birds?

4. There were 2 small brown dogs and 1 large black dog at the show. Henry got a bone for each of these dogs.

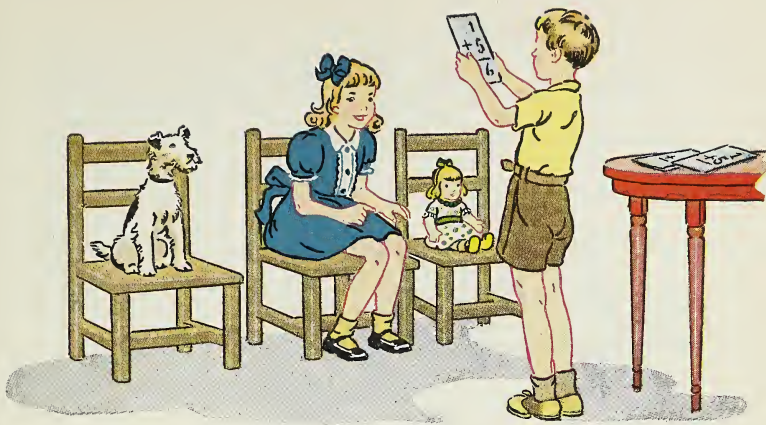
How many bones did he get?

5. Nancy brought a little round bowl with 1 fish in it to the pet show. She had 5 other fish at home.

How many fish did Nancy have in all?

6. There were four boys and four girls at the pet show.

How many children were at this show?



Bingo Plays School

One day Bobby and Betty were playing school with some number cards.

Bobby showed Betty one card at a time. The first card he showed her looked like this —→

$$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$$

“Don’t show the answer,” said Betty.

So Bobby showed her the back of the card. This is how it looked —→

$$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$$

Betty said, “Five and one are six.”

“That is right,” said Bobby.

Then he showed her this card
and said, "Here is another card.
Give me the answer to it."

$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

Just then Bingo said, "Arf! Arf! Arf!"

Bobby laughed and said, "Oh, Betty!
Bingo gave the answer first. He wants
to play school, too."

Did Bingo give the right answer?

Examples to Read

This is called an **example**.

When you read it, say,

"1 and 2 are 3."

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

3 is called the **answer**.

When you read Example A, what should
you say?

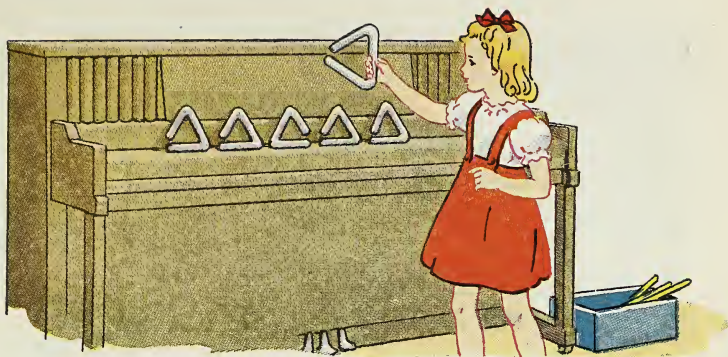
Now read Examples B, C, and D.

$$\begin{array}{r} A \quad 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} B \quad 5 \\ + 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} C \quad 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} D \quad 4 \\ + 4 \\ \hline 8 \end{array}$$

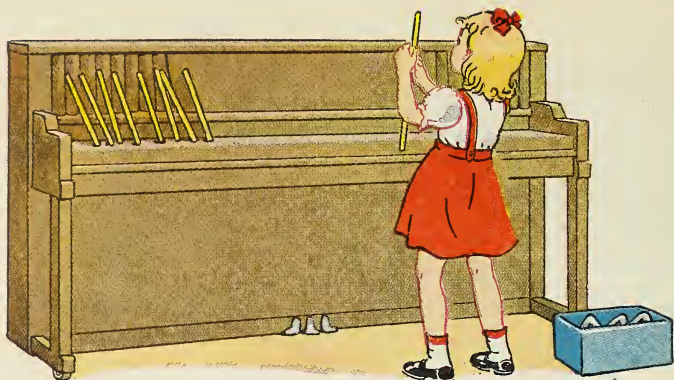


A Toy Band

1. The children in Nancy's room had five small triangles and one big triangle for their toy band. How many triangles did they have in all?

2. The children wanted some big boxes to put their toys in. So Jack brought 1 blue box and 2 brown boxes to school. How many boxes did he bring to school for the toys?

3. One day 4 boys used the triangles in the toy band. Then 4 girls used them. How many children used them that day?



More Things for the Band

Here are some of the sticks that the children used in their band.

How many sticks are in the picture?

How many large sticks are there?

How many small sticks are there?

1 stick and 8 sticks are 9 sticks.

Read Example A. Read Example B.

A

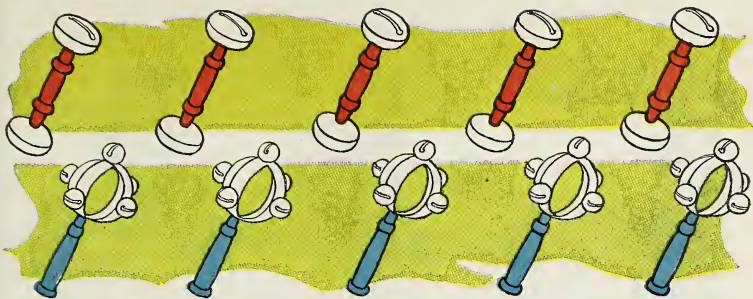
$$1 + 8 \text{ are } 9$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$

B

$$8 + 1 \text{ are } 9$$

$$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$$



Playing the Bells

These are the toy bells the children played in their band on Friday.

How many toy bells are there?

How many are in the top row?

How many are in the other row?

Five bells and five bells are ten bells.

5 and 5 are ____.

A	5
	+5
	10

Read Example A.

Read each example and give the answer:

2	1	2	5	4	1	5	8	1
<u>+1</u>	<u>+8</u>	<u>+2</u>	<u>+1</u>	<u>+4</u>	<u>+2</u>	<u>+5</u>	<u>+1</u>	<u>+5</u>



The Children Give a Play

This picture shows a play Betty and some other children gave one Monday.

How many children are there?

How many girls are there?

How many boys are there?

3 and 2 are how many?

2 and 3 are how many?

Read Examples A and B.

How many dolls are there?

1 and 1 are how many?

Read Example C.

$$\begin{array}{r} A \\ 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} B \\ 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} C \\ 1 \\ + 1 \\ \hline 2 \end{array}$$

How We Add

Jane had 5 dolls, and Mother gave her 1 more doll for her birthday.

To find out how many dolls Jane had then, we think:

5 dolls and 1 doll are 6 dolls.

When we think, "5 dolls and 1 doll are 6 dolls," we add.

To find out how many 2 children and 3 children are, we add. We think:

2 and 3 are 5.

How many cents are 4 cents and 4 cents? To find out, we add 4 and 4. You can see how we do this in Example A.

^A	4
	+4
	8

Jack has 8 cents, and Bobby has 1 cent.

To find how many the two boys have, we _____. The two boys have _____ cents.



Buying Pumpkins and Apples

One Wednesday Bobby and Tom went to buy some pumpkins and apples.

1. How many pumpkins do they have?
How many pumpkins are large?
How many are small?

3 and 3 are how many?

Read Example A.

A	3
	+ 3
	6

2. To find out how many apples they bought, you can add.

3 apples and 3 apples are ____ apples.



3. Many of the children wanted to see the pumpkins and apples that Tom and Bobby had bought.

How many children are in this picture?

How many boys are there?

How many girls are there?

$$\begin{array}{r} \text{B} \\ 1 \\ + 4 \\ \hline 5 \end{array}$$

4 and 1 are
how many?

1 and 4 are
how many?

$$\begin{array}{r} \text{C} \\ 4 \\ + 1 \\ \hline 5 \end{array}$$

Read Example B. Read Example C.



Bobby Gets Ready for a Party

Bobby is going to have a birthday party after school on Thursday. Betty is going to help him get ready for it.

1. There will be 4 boys and 4 girls at Bobby's party. Bobby wants to make a funny big hat for each of the children. How many hats should he make?

You should add to get the answer.

4 hats and 4 hats are ____ hats.

2. Mother wants Bobby to bring her 2 large pumpkins and 3 small pumpkins. How many pumpkins should he bring?

3. Bobby said that 5 games would be enough to play at his birthday party. So he thought of 4 good games, and Betty thought of 1 more game. How many games did they think of in all?

Did they think of enough games?

4. Bobby bought 1 big candy pumpkin and 8 small candy pumpkins for each one at the party. How many candy pumpkins did he buy for each one?

5. Betty had a little box for each one of the children. First she put 5 peanuts in each box. She had many peanuts left. So she put 5 more peanuts in each box. How many peanuts in all did Betty put in each box?



How Many?

4 kittens and 1 kitten are ____ kittens.

1 goat and 1 goat are ____ goats.

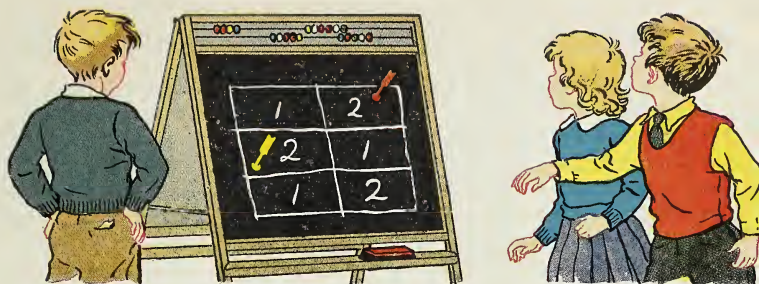
4 rabbits and 4 rabbits are ____ rabbits.

3 elephants and 3 elephants are
____ elephants.

3 birds and 2 birds are ____ birds.

8 dolls and 1 doll are ____ dolls.

5	3	4	5	1	2	1	3	1
+1	+2	+1	+5	+1	+3	+2	+3	+4
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



Number Stories

1. On Saturday 3 boys and 3 girls played a game at Jane's house. How many children played the game that Saturday?

2. In the game Bobby had to add 2 and 2. He said, "2 and 2 are ____."

3. Betty had to add 2 and 1. She said, "2 and 1 are ____."

4. Jane had to add 1 and 1. She said, "1 and 1 are ____."

5. After the game 3 boys and 2 girls went out to play. How many children went out to play?



Bobby's Pennies

Bobby liked to save his new pennies on big white cards. When the children came to his party, he showed them his three cards.

The boys and girls wanted to find out how many pennies he had on each card. So Jack looked at one card and counted the pennies by tens.

He said, "10, 20, 30, 40, 50, 60, 70, 80, 90, 100 pennies!"

Bobby said, "That is right. There are one hundred pennies on each card."

Then Tom counted the pennies that he saw on all three cards by **hundreds**.

He said, "One hundred, two hundred, three hundred. Three hundred pennies!"

Large Numbers

Read these numbers: 100 200 300

Here is another large number → **210**

We read it, "Two hundred ten."

Read the numbers in these boxes:

A 200 23 223

C 200 40 240

B 100 36 136

D 100 88 188

Look at this number → **105**

We read it, "One hundred five."

Read these numbers:

Row A	104	220	153	189	209
-------	-----	-----	-----	-----	-----

Row B	202	140	108	235	107
-------	-----	-----	-----	-----	-----



Birthdays in November

One Monday when the boys and girls came to school, they saw that there was a new page on their calendar.

"It is November now," said Betty.

"Good!" said Jane. "My birthday comes in November. So does Jack's."

"Yes," said Jack. "My birthday comes on November 5."

Jane said, "My birthday is November 13. That will be on Friday."

“What day is my birthday?” asked Jack.

Jane said, “Look at the calendar and see if you can find out.”

Find Jack’s birthday on the calendar on page 96. What day of the week is it?

Days of the Week

The seven days of the week are Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday.

The picture on page 96 shows you how the days of the week are sometimes put on a calendar. This is one short way to write them.

Look at the calendar on page 96.
On what day of the week is

November 1? November 13?

November 24? November 30?

November 21? November 18?



The Children Decide to Save

Father gave Jack a big rabbit bank for his birthday in November. He gave Jane an elephant bank.

The children decided to put the money that they had saved into their banks.

The picture at the top of the next page shows the pennies that Jane had saved. She counted these pennies by twos.



She counted this way, "2, 4, 6, 8, 10, 12, 14, 16, 18, 20."

"I have saved 20 pennies," she said.

Jack put his pennies in piles. He put 5 pennies in each pile. The picture below shows his piles of pennies.



Jack counted his pennies by fives.

He counted, "5, 10, 15, 20, 25, 30, 35, 40, 45, 50."

"I have saved 50 pennies," he said.

Then Jane looked at her five nickels.

"Each nickel is worth 5 cents," she said.

"So I'll count each one as 5 cents."

She counted, "5, 10, 15, 20, 25 cents."

"My nickels make 25 cents," she said.

Jack said, "Look at this quarter that I have. It is worth 25 cents."

"Yes," said Jane. "Your quarter is worth just as much as my 5 nickels."

Picture A shows Jack's nickels. To find how much they are worth, count by fives. How many cents are Jack's nickels worth?

Picture B shows Jack's quarter. It is worth 25 cents, or 5 nickels.



Quarter



Counting Money

1. Count the pennies in Picture A by twos.
2. Count the pennies in Picture B by fives.
3. Picture D shows ____ nickels.
They are worth ____ cents in all.
4. Find another picture that shows money worth just 50 cents.
5. Picture C shows a quarter. Find another picture showing 25 cents in all.



Top and Bottom

Jane put her elephant bank on a shelf with some other things she had at home.

1. On which shelf is Jane's bank?
2. On which shelf are the toy dogs?
3. Are there more things on the top shelf than on the bottom shelf?
4. Which shelf has more things on it than the middle shelf?
5. Which shelf has fewer things on it than the middle shelf?
6. On which shelf are the most things?

Missing Numbers

Look at Example A. The star shows that a number is missing. We must think, "2 and what number are 5?"

$$\begin{array}{r} \text{A} \\ \star \\ + 2 \\ \hline 5 \end{array}$$

The missing number is 3.

Read Example A this way:

"2 and 3 are 5."

$$\begin{array}{r} \text{B} \\ 1 \\ + \star \\ \hline 6 \end{array}$$

Look at Example B. Think,

"What number and 1 are 6?"

Read Example B this way:

"5 and 1 are 6."

Read these examples:

$\begin{array}{r} \star \\ + 3 \\ \hline 5 \end{array}$	$\begin{array}{r} \star \\ + 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 3 \\ + \star \\ \hline 6 \end{array}$	$\begin{array}{r} \star \\ + 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ + \star \\ \hline 6 \end{array}$	$\begin{array}{r} 1 \\ + \star \\ \hline 2 \end{array}$	$\begin{array}{r} \star \\ + 8 \\ \hline 9 \end{array}$	$\begin{array}{r} 2 \\ + \star \\ \hline 3 \end{array}$
---	---	---	---	---	---	---	---

$\begin{array}{r} \star \\ + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ + \star \\ \hline 5 \end{array}$	$\begin{array}{r} 1 \\ + \star \\ \hline 6 \end{array}$	$\begin{array}{r} \star \\ + 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 1 \\ + \star \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ + \star \\ \hline 3 \end{array}$	$\begin{array}{r} \star \\ + 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \star \\ + 4 \\ \hline 5 \end{array}$
---	---	---	--	---	---	---	---



High and Low

This picture shows four stores.

1. Is the candy store as high as the book store?
2. Is the toy store higher than the pet store?
3. Is the candy store as low as the pet store?
4. Which store is the highest?
5. Which store is lower than the candy store?
6. Which store is the lowest?

Examples to Add

One day Bobby and Tom were helping one another with some examples.

Bobby made three rows of examples, and Tom gave the answer to each example.

Look at the three rows of examples that Bobby made. Give the answer to each example in Row 1.

Give the answer to each example in Row 2 and Row 3.

	A	B	C	D	E
Row 1	$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$

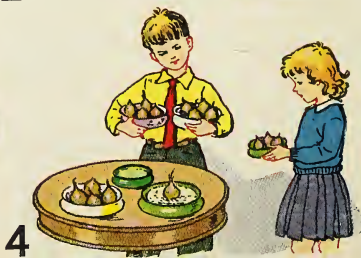
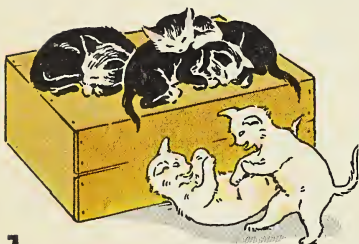
Number Stories

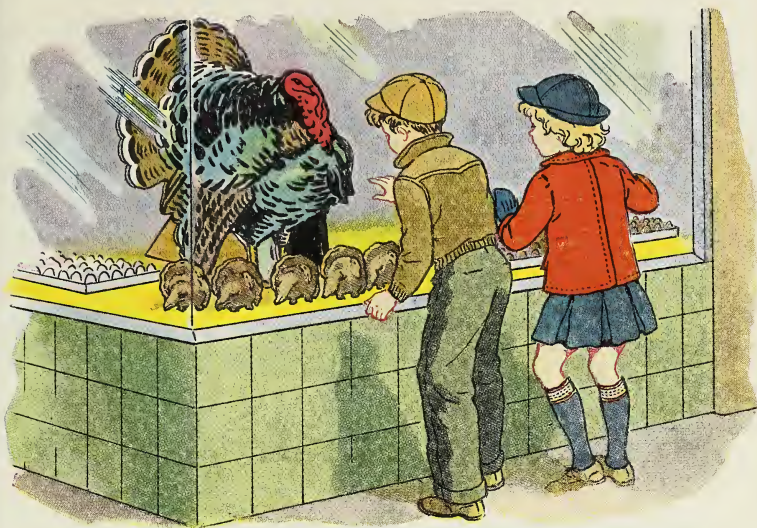
Betty thought of a number story for Picture 1. This is her story:

“Nancy brought 3 little black kittens and 2 little white kittens to the pet show. How many kittens did Nancy bring?”

What other number story can you make up about Picture 1?

Make up a number story for each of the other pictures.





Billy and the Candy Turkey

On the way to school one Monday Betty and Bobby looked in a candy store window.

"Look! Candy turkeys!" said Bobby.

"Don't you wish we could buy some, Betty?"

Betty said, "Yes, but we have no money now. Let's bring some money next time."

"All right," said Bobby. "We will each buy a candy turkey then."



After school on Tuesday Betty and Bobby went into the candy store.

"How much does a candy turkey cost?" asked Bobby.

"Two cents," said the store man.

"Just two cents!" said Bobby. "Then I can buy one of them.

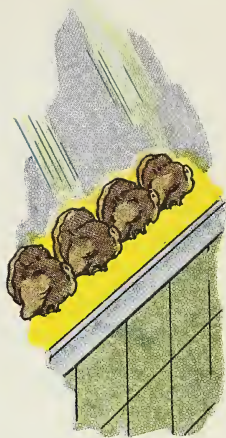
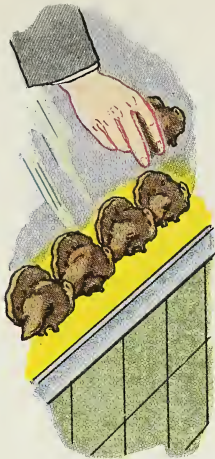
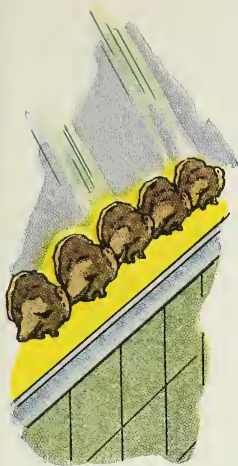
And I will have some money left."

Look at the pictures on this page.

Bobby had three cents.

How many cents did he give the man?

How many cents did he have left?



The store man went to his window and took out one candy turkey.

"Here is your turkey," he said.

"Do you want me to put it in a box?"

"Oh, no," cried Bobby. "I don't need a box for that turkey.

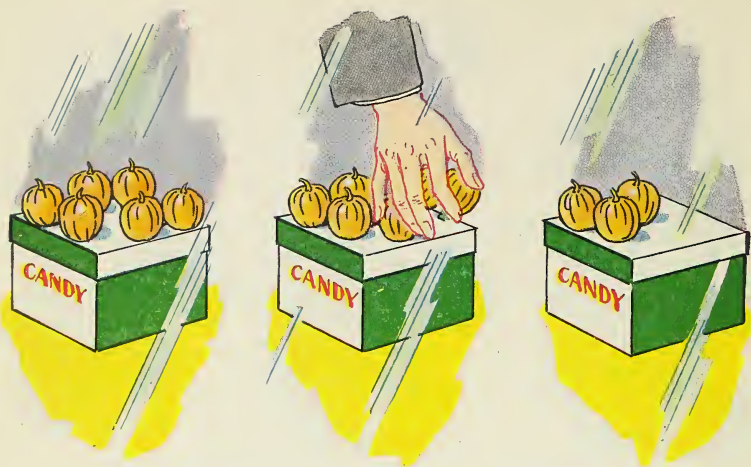
I'll eat it right away!"

Look at the pictures on this page.

How many turkeys were in the window?

How many did the man take away?

How many turkeys were left?



After Bobby had bought a candy turkey, Betty looked at some candy pumpkins.

"How much do they cost?" she asked.

"Three for a cent," said the store man.

Betty said, "Then I don't want a turkey like Bobby's.

I will buy three candy pumpkins."

There were six little candy pumpkins in the window.

How many pumpkins did Betty buy?

How many candy pumpkins were left?

When they came out of the store,
Bobby saw Tom and his goat, Billy.

Bobby put the candy turkey back
of him and called, "Come here, Tom!
See if you can guess what I bought."

"A cat," said Tom. "A candy cat."

"No," said Bobby. "Guess again."

Just then Billy jumped at Bobby's candy.

"Glup!" went Billy. "Glup! Glup!"

"Oh, Tom," cried Bobby. "Now you will
never see what I bought. It is in Billy!"

"But you can see my candy pumpkins,"
said Betty. "Let's eat them before Billy
gets them, too."





Flowers in the Bowls

Each day Betty looked at the bowls of bulbs in the window at school.

After some weeks she saw the surprise that she had been looking for.

"Our flowers have opened!" she cried.
"Come and look!"

When the other children saw the bowls of flowers, they were very much pleased.

They made pictures of these flowers to take home to their mothers.



The next day the children decided to give two bowls of flowers to the boys and girls in Miss Brown's room.

"Their flowers never opened," said Joe.

Bobby said, "We can give them two of our bowls and have one bowl left.

Two bowls from three bowls are one bowl."

Then the children took the two bowls of flowers to the other room.



"We have just one bowl of flowers left," said Jane. "And I have something for it."

She showed the children three sticks that she was holding.

"These are little plant sticks," she said.

"You put them in the bowls with plants. They help hold the plants up."

Jane put one little stick in the bowl.

Then she thought, "I know what I'll do. I will put one stick in this bowl, and I will have two sticks left for my plants at home. One stick from three sticks is two sticks."



“Let’s put our bowl of flowers where we can all see it,” said Mary.

“Let’s put the bowl on the top shelf in the window.”

Jack said, “There are some old plants on the top shelf now. It will not hold anything more.”

“Why not take down the four plants from the top shelf?” asked Jane. “That will make room for our bowl.”

So Jack took down the four plants and put the bowl on the top shelf.

Then they could all see the flowers.



Plants at School

The pictures at the top of this page show how Jack made room for the bowl of flowers.

Look at the pictures.

1. In the first picture you can see eight little plants. The second picture shows Jack handing four plants to the girls. The third picture shows how many plants are left. How many of the plants are left in the window?

Four plants from eight plants are four plants.

4 from 8 is 4.



2. Now look at the three pictures above. The first one shows three girls looking at some bowls. The second picture shows one girl going away. How many are left?

One girl from three girls is two girls.

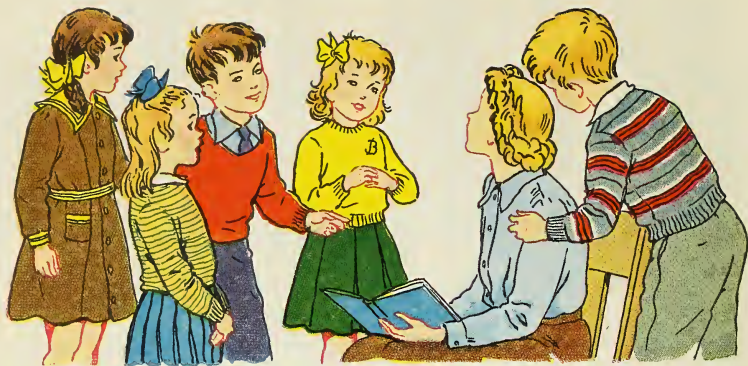
1 from 3 is 2.

3. Look at the pictures below. Betty had three bowls of flowers. She gave away two of these bowls. How many bowls did she have left?

Two bowls from three bowls are one bowl!

2 from 3 is 1.





Bringing Old Toys to School

One day the children told Miss Hill about the old toys they had at home.

"Why don't we bring our old toys to school?" asked Tom. "We could fix them and then play with them here."

Betty said, "Maybe we could give some to children who don't have any."

Jack said, "I know some children who never have any good toys."

So the boys and girls decided to bring their old toys to school. They wanted to make these toys look new.



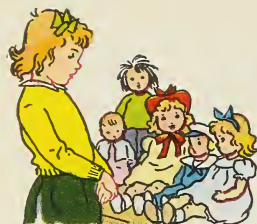
After school Jack went home to look at his old toys. Then he decided to take some of his toy boats to school.

The pictures at the top of this page show Jack's boats.

1. Jack had six toy boats at home. On Wednesday he took three of them to school. How many boats did he have left at home?

Three boats from six boats are
— boats.

3 from 6 is 3.



2. Betty had five dolls in her room at home. She took one of these dolls to school to give away. How many dolls were left at home?

One doll from five dolls is ____ dolls.

1 from 5 is 4.

3. Bobby had five toy horses at home. He took four of the horses to school. How many did he have at home then?

Four horses from five horses are ____ horse.

4 from 5 is 1.





Tell the Answer

Four chairs from eight chairs are
___ chairs.

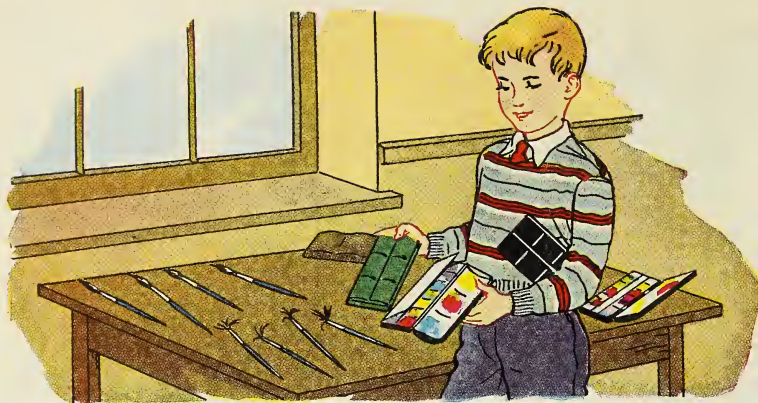
Three pencils from six pencils are
___ pencils.

One boat from three boats is ___ boats.

One rope from five ropes is ___ ropes.

Four plants from five plants are
___ plant.

Two dolls from three dolls are ___ doll.



Fixing Paint Boxes

The children brought 5 old paint boxes to school. The paint in 4 of them had been used. So Tom took 4 boxes to put new paint in them. How many were left?

4 boxes from 5 boxes are 1 box.

There was 1 box left.

Example A shows a way to write "4 boxes from 5 boxes are 1 box."

A	
5 boxes	
- 4 boxes	
1 box	

The short line before the 4 shows that you are to take 4 boxes from 5 boxes.

The children brought 8 brushes, too. They decided to throw away 4 of them that were too old to use. How many of the brushes did they have left?

$$\begin{array}{r} \text{B} \\ 8 \text{ brushes} \\ - 4 \text{ brushes} \\ \hline 4 \text{ brushes} \end{array}$$

Example B shows the answer. When you read Example B, say, "4 brushes from 8 brushes are 4 brushes."

The answer is 4 brushes.

Now look at Example C.

$$\begin{array}{r} \text{C} \\ 8 \\ - 4 \\ \hline 4 \end{array}$$

When you read Example C, say, "4 from 8 is 4."

The answer is 4.

When we take 4 from 8, we subtract.

To find how many are left, we subtract.

Read these examples:

$$\begin{array}{r} \text{D} \\ 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} \text{E} \\ 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \text{F} \\ 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} \text{G} \\ 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} \text{H} \\ 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \text{I} \\ 6 \\ - 3 \\ \hline 3 \end{array}$$

Reading Examples

Jane had three paint brushes at home. She gave Mary two paint brushes to use in her new paint box. How many brushes did Jane have left?

Which example below shows you how to find the number of paint brushes that Jane had left at home?

The short line before the 2 in the example tells you to subtract.

$$\begin{array}{r} \text{A} \\ 3 \\ - \underline{2} \end{array}$$

What is the answer for Example A?

$$\begin{array}{r} \text{B} \\ 8 \\ - \underline{4} \end{array}$$

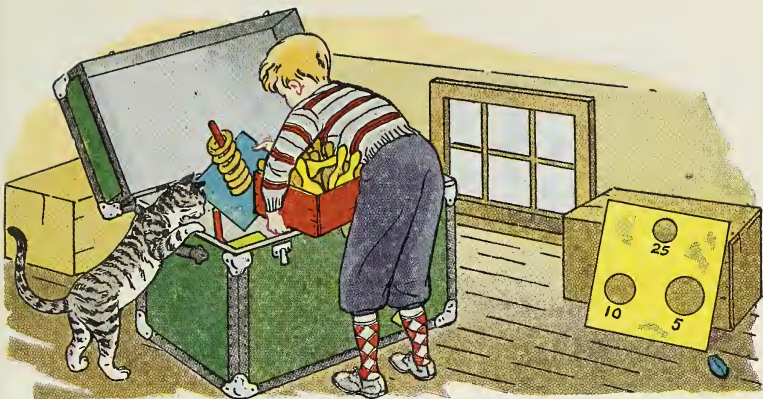
What is the answer for Example B?

Read Example B this way:

"4 from 8 is 4."

Read these and give the answers:

$$\begin{array}{r} 5 \quad 3 \quad 6 \quad 5 \quad 8 \quad 3 \quad 6 \quad 5 \quad 8 \\ -4 \quad -1 \quad -3 \quad -1 \quad -4 \quad -2 \quad -3 \quad -4 \quad -4 \\ \hline \end{array}$$



Tom's Toys

When Tom was looking for toys to take to school, he opened an old trunk. In it he found three games that he never used.

"I see a game that would be a good one to take to school," he thought.

So he decided to take that game with him the next day. He put the other games back in the trunk.

How many games did Tom put back?

One game from three games is
— games.



By and by Tom found five marbles.

"I know someone who would like these," he said. "So I'll take them to school."

Just then his cat jumped at the marbles, and away they all went!

One marble fell down a big hole, and Tom could not get it out.

Tom laughed and said, "I guess I'll not take five marbles to school after all!"

How many marbles did Tom have left to take to school?

One marble from five marbles is how many marbles?

Tom's Mother Helps

Tom's mother had been looking for old toys for him to take to school.

1. She found 8 old balls for him. Tom decided to save 4 of the balls and to take the others to school.

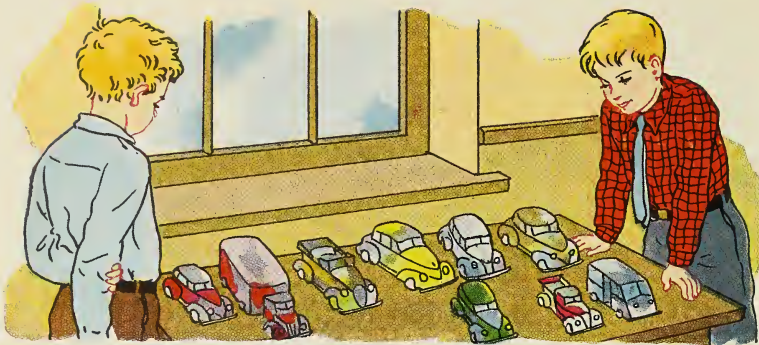
To find out how many balls Tom took to school, we subtract.

4 balls from 8 balls are ____ balls.

How many balls did he take to school?

2. Mother showed Tom 5 picture puzzles. Tom took 4 of them to school. How many of these picture puzzles did he have left at home?

3. Mother found 3 toy cars she thought Tom would want to take to school. Tom took 2 of them. How many toy cars did he have at home then?



Looking at the Toys

The boys and girls were surprised to see how many old toys were brought to school in just one week.

Tom said, "Look at all the little cars on this table!"

Henry said, "I brought six of them, and you brought three of them."

"That is right, Henry," said Tom. "You brought more cars than I did."

How many more cars did Henry bring than Tom?

Three cars from six cars are ____ cars.

Mary said, "See the dolls we have!
Big dolls and little ones!

Old dolls and dolls not so old!"

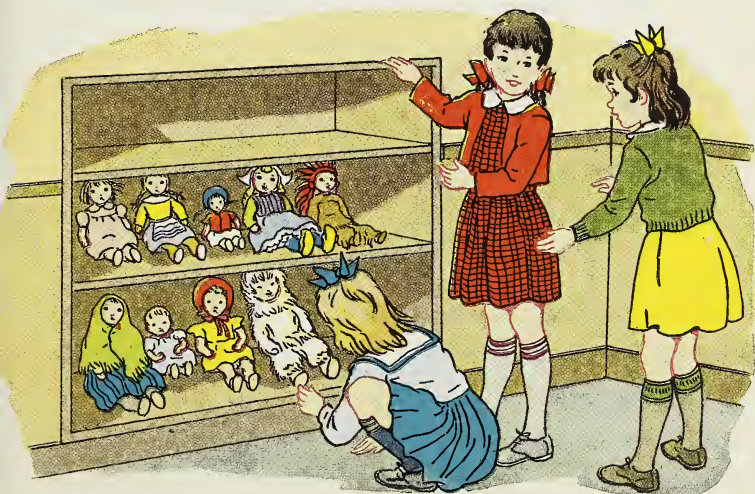
Jane said, "I brought five dolls."

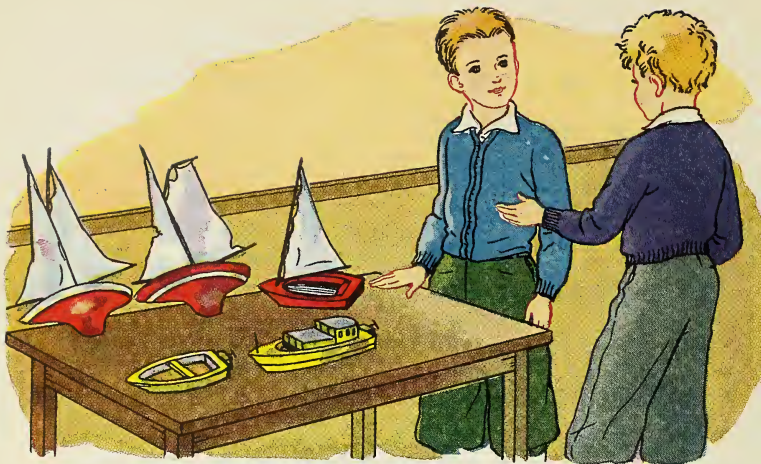
"Five dolls!" said Nancy. "Then I
brought fewer dolls than you did.

I brought only four dolls."

To find how many fewer dolls Nancy
brought than Jane, we subtract.

Four dolls from five dolls are
— doll.





Joe brought three old red boats to fix so that they would look new. Henry brought two old yellow boats.

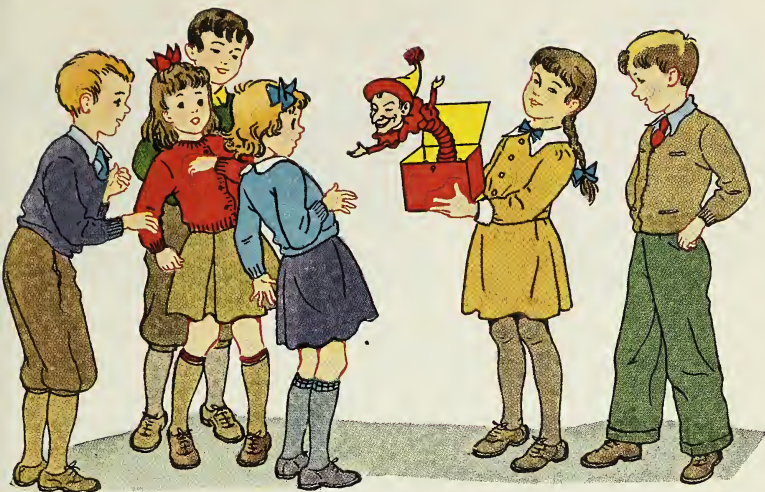
"Our boats need to be painted," said Joe. "Let's paint them right away."

"All right," said Henry. "You brought more than I did. So let's paint yours first."

To find how many more Joe brought than Henry, we subtract.

How many more boats did Joe bring than Henry?

$\begin{array}{r} 3 \text{ boats} \\ - 2 \text{ boats} \\ \hline 1 \text{ boat} \end{array}$
--



Sally brought one toy in a big box.
And she was the very last to show
what she had brought.

"Hurry, Sally!" said Mary. "We all
want to see what you brought!"

"All right," said Sally. "If you will
all look, I'll let you see what I have."

So Sally opened her box. Bang!
Out jumped a funny little man!

"Oh, Sally!" cried Betty. "I like
your funny toy most of all!"



Toys for Others

When the toys had been fixed, the boys and girls gave some of them away.

The pictures above and on page 133 show some of the toys. After you have read a number story, look at the pictures that tell about it.

1. Tom and Henry made 5 old toy banks look new. Then they gave away 2 of them. How many toy banks did they have left?

2 banks from 5 banks are
— banks.

2 from 5 is 3.

Read Example A.

A	5
	-2
	3



2. Jack had 2 tops to paint before he gave them away. He painted one top. How many more tops did he have left to paint?

1 from 2 is how many?

Read Example B.

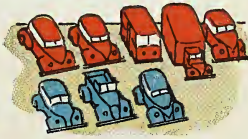
$$\begin{array}{r} \text{B} \\ 2 \\ -1 \\ \hline 1 \end{array}$$

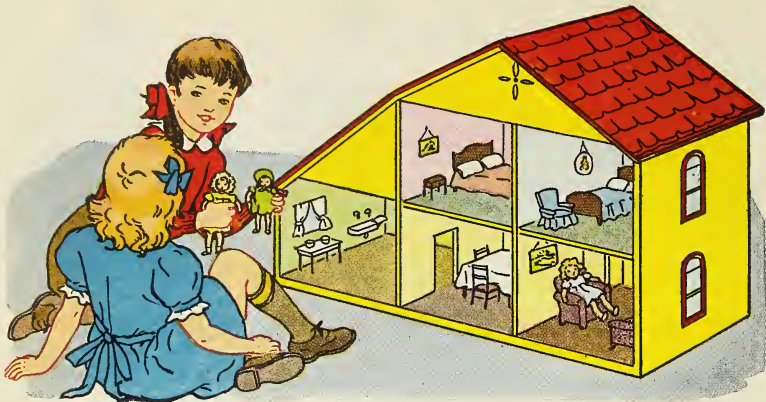
3. Henry painted 5 little cars red, and Tom painted 3 little cars blue. Henry painted how many more little cars than Tom?

3 from 5 is how many?

Read Example C.

$$\begin{array}{r} \text{C} \\ 5 \\ -3 \\ \hline 2 \end{array}$$





Betty's Doll House

One day Betty and Jane were playing with Betty's doll house. The stories here tell you about this doll house.

Read each story. Decide whether to add or to subtract. Then answer the question that is asked in each story.

1. "Betty," said Jane. "Your house has five rooms in it, and my doll house has only three rooms."

How many more rooms were there in Betty's house than in Jane's?

2. There were eight big windows and one little window in Betty's doll house. How many windows were there in all?

3. Jane said, "I like the little bowls." Betty said, "I had three of these bowls, but I gave one to Nancy last week."

How many bowls did Betty have left?

4. Betty had one small picture to put in her house. Jane gave her four more. How many pictures did Betty have then?

5. In Betty's doll house there were six chairs and three tables. There were how many fewer tables than chairs?

6. In the garage near her doll house were one little car and one big car. How many cars were in the garage?

7. Betty had two dolls in the house, and Jane put three more in it. Then there were how many dolls in the house?

8. One week Betty saved 5 cents to buy things for her doll house. The next week she saved 2 cents. How many fewer cents did she save the second week?

9. Jane saved money for her doll house, too. She saved one cent and one nickel. How much money did she save in all?

Examples to Add and Subtract

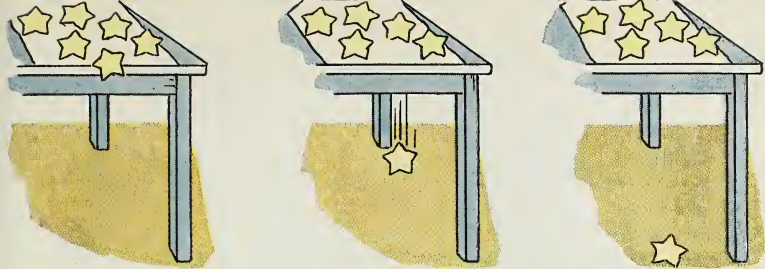
Some of the examples below tell you to add, and some tell you to subtract. Read the ones that tell you to subtract.

4	5	1	3	2	1	5	5	6
+4	-1	+2	-2	+3	+8	-4	+1	-3
<u>8</u>	<u>4</u>	<u>3</u>	<u>1</u>	<u>5</u>	<u>9</u>	<u>1</u>	<u>6</u>	<u>3</u>

Now give the answers to these:

4	5	2	1	3	2	5	3	2
+1	-2	-1	+5	-1	+2	-1	+3	+1
<u>5</u>	<u>3</u>	<u>1</u>	<u>6</u>	<u>2</u>	<u>4</u>	<u>4</u>	<u>6</u>	<u>3</u>

5	3	8	8	1	5	3	1	6
-4	+2	+1	-4	+4	-3	-2	+1	-3
<u>1</u>	<u>5</u>	<u>9</u>	<u>4</u>	<u>5</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>3</u>



Cookies for the Party

The children in Miss Hill's room made some cookies for a party one day.

1. Betty put 6 star cookies on a table. When she was not looking, 1 cookie fell from the table. How many were left on the table?

1 from 6 is ____.

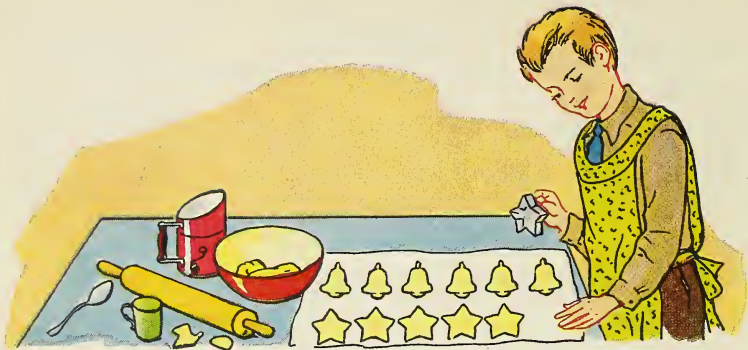
$$\begin{array}{r} \text{A} \\ 6 \\ -1 \\ \hline 5 \end{array}$$

2. Sally made 4 little rabbit cookies and 2 little kitten cookies. She made how many more rabbit cookies than kitten cookies?

$$\begin{array}{r} \text{B} \\ 4 \\ -2 \\ \hline 2 \end{array}$$

Read Example B.





3. Joe made 6 bell cookies, and then he made 5 star cookies. How many fewer star cookies than bell cookies did he make?

$$\begin{array}{r} 6 \\ -5 \\ \hline 1 \end{array}$$

5 cookies from 6 cookies are
 _____ cookie.

Give the answers to these examples:

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -1 \\ \hline \end{array}$$

Give the missing numbers:

$$\begin{array}{r} \star \\ +3 \\ \hline 5 \end{array} \quad \begin{array}{r} \star \\ +1 \\ \hline 9 \end{array} \quad \begin{array}{r} 5 \\ +\star \\ \hline 10 \end{array} \quad \begin{array}{r} \star \\ +1 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ +\star \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ +\star \\ \hline 5 \end{array} \quad \begin{array}{r} \star \\ +3 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ +\star \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ +\star \\ \hline 8 \end{array}$$



Buying Prizes for the Party

After school on Thursday Henry and Sally went to buy prizes for the party.

"Look at the five little toy kittens," said Henry. "Should we buy them?"

"Let's look some more," said Sally.

"They may be all right, but only three of them have ribbons. We would need more ribbons if we bought them."

To find how many more ribbons are needed so that all five kittens will have ribbons, we subtract.

Three from five is ____.



Henry and Sally looked at other things in the store.

Sally saw three little boats, and she asked, "Do you like them, Henry?"

"Yes," said Henry. "But some of them need masts. I would never buy any boats without masts."

"I wish they all had masts," said Sally.

How many boats have masts?

How many more masts are needed so that all three boats will have masts?

One from three is ____.

Before long the children saw something that they both liked very much. It was a box with little animals in it.

"What funny animals!" said Henry.

"Look, Sally! They are made of candy!"

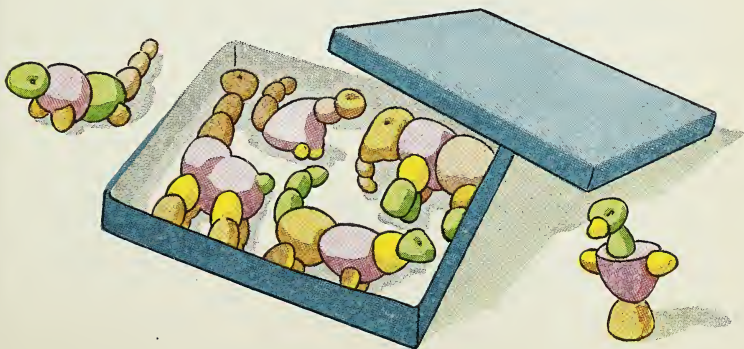
Sally said, "These animals are just what we want for prizes! Let's buy them."

"All right," said Henry.

Then he said to the man, "How much does this box cost?"

"Eight cents," said the store man.

"Oh, my!" said Sally, as she looked at the four cents in her hand. "I need some more money! I don't have enough!"





Henry laughed and said, "Tell me just how much more money you need, Sally. Then I will give it to you. I have some of our money, too."

Sally told him how much more money she needed, and Henry gave it to her.

Then they bought the candy animals and took them away to use for prizes.

To find how much more is needed, we subtract.

How much more money did Sally need?

$\begin{array}{r} 8 \text{ cents} \\ - 4 \text{ cents} \\ \hline 4 \text{ cents} \end{array}$

Number Stories

Here are some number stories that tell how other children in Miss Hill's room helped get ready for the party.

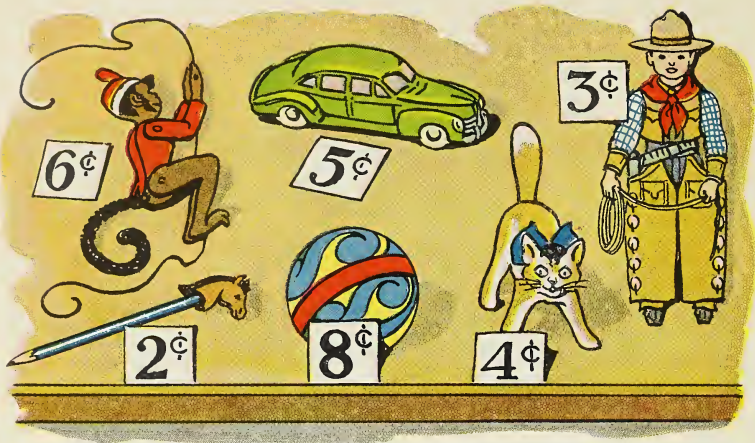
Read each story. Decide whether to add or subtract. Then answer the question.

1. Nancy brought 4 apples for the party, and Jack brought 2 apples. Nancy brought how many more apples than Jack?

2. Betty wanted to bring 6 little cakes for the party. She put 5 little cakes in a box. How many more did she need in the box to make 6 cakes in all?

3. Jane brought 1 little cake, and Mary brought 4 little cakes. How many cakes did the two girls bring in all?

4. Henry brought 2 cents to buy things for the party, and Joe brought 1 cent. Joe brought how many fewer cents than Henry?



Other Toys at the Store

Here are some other toys that Sally and Henry looked at when they were buying prizes for the party.

1. A toy monkey costs 6 cents, and a toy car costs 5 cents. How much less does the toy car cost than the toy monkey?

To find how much less the toy car costs, we subtract.

5 from 6 is ____.

Now read the example.

$ \begin{array}{r} 6 \text{ cents} \\ - 5 \text{ cents} \\ \hline 1 \text{ cent} \end{array} $

2. A ball costs 8 cents, and a toy cat costs 4 cents. The little toy cat costs how much less than the ball?

4 from 8 is ____.

3. A toy cat costs 4 cents, and a pencil costs 2 cents. The little toy cat costs how much more than the pencil?

2 from 4 is ____.

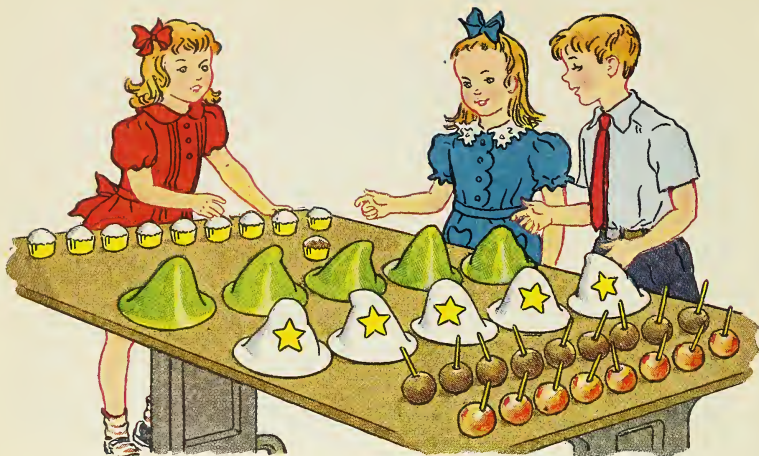
4. A paper doll costs 3 cents, and a pencil costs 2 cents. The pencil costs how much less than the paper doll?

2 from 3 is ____.

5. A green toy car costs 5 cents, and a paper doll costs 3 cents. How much more does the toy car cost than the paper doll?

3 from 5 is ____.

6. A little toy cat costs 4 cents, and a toy car costs 5 cents. The little toy cat costs how much less than the toy car?



Betty Helps at the Party

At the party Betty helped give the boys and girls paper hats, candy apples, and cakes.

1. How many paper hats does she have?
How many hats have stars on them?
How many more stars would be needed
so that each paper hat could have a star
on it?

5 from 10 is ____.

Read Example A.

A	$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$
---	--

2. In the picture on page 146 Betty has how many brown candy apples? How many red candy apples has she? How many fewer red candy apples than brown ones does she have?

8 from 9 is ____.

Read Example B.

$$\begin{array}{r} \text{B} \\ 9 \\ -8 \\ \hline 1 \end{array}$$

3. How many little white cakes does Betty have on the table?

How many little brown cakes does she have?

How many more little white cakes does Betty have than little brown ones on the table?

1 from 9 is ____.

Read Example C.

$$\begin{array}{r} \text{C} \\ 9 \\ -1 \\ \hline 8 \end{array}$$

Give answers to the examples below:

$$\begin{array}{r} 9 \quad 5 \quad 4 \quad 6 \quad 10 \quad 9 \quad 5 \quad 2 \quad 6 \\ -8 \quad -3 \quad -2 \quad -1 \quad -5 \quad -1 \quad -2 \quad -1 \quad -5 \\ \hline \end{array}$$

Examples to Subtract

Susan made three rows of examples, and Mary gave the answers to them.

Look at the three rows of examples that Susan made. Give the answer to each example.

Now write these three rows of examples on your paper.

Write the answer under each example without looking at your book for help.

	A	B	C	D	E
Row 1	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$

Number Stories

Read the first number story. Decide whether you should add or subtract to get the answer to the question.

Then give the answer to the question.

Do the same thing for each of the other number stories.

1. Bobby and Betty went to the store with Mother one Saturday. Betty had 4 cents to spend, and Bobby had 1 cent. How many cents did they have in all?

2. Mother asked the store man to find 9 good bananas for her. The store man found 8 good bananas. How many more did he need to find for Mother?

3. Mother bought 9 good bananas and 1 big apple. How many fewer apples than bananas did she buy?

4. Then Mother asked the man to get her one big bone and eight smaller bones for Bingo. How many bones did she ask the man to get for her?

5. Henry came to buy a new pencil. Henry had two cents, and he gave the store man 1 cent for a new pencil. How many cents did he have then?

6. Jack and Jane came to the store to spend their money. Jack had five cents, and Jane had ten cents to spend. Jack had how much less money than Jane?

7. Jack had five cents. He gave the store man one cent for some candy. How many cents did Jack have left?

8. A box of candy that Bobby wanted cost six cents. He had only one cent. How much more money did he need so that he could buy the box of candy?

Give the Answers

1. How many examples are in Row 1?
2. Give the answers for the examples in each row.
3. Look at the examples under Letter A. How many examples are there?
4. Give the answers for the examples under each letter.

	A	B	C	D	E	F
Row 1	$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +1 \\ \hline \end{array}$
Row 4	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
Row 5	$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$



Telling Time

The children in Miss Hill's room liked to play with their toy clock.

They made the clock show the time when they got up each day. They made it show when they did other things, too.

What time has Tom made the clock show? What do you think Tom did at this time each school day?

What time does each clock show?

What do you do at these times each day?



A



B



C



D



UN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

A Calendar for January

This picture shows the new calendar that was in Miss Hill's room. It is opened to January. Look at the calendar. On what day of the week is January 1?

Six children in Miss Hill's room had birthdays in January. Below you can see when these birthdays came.

January 11

January 5

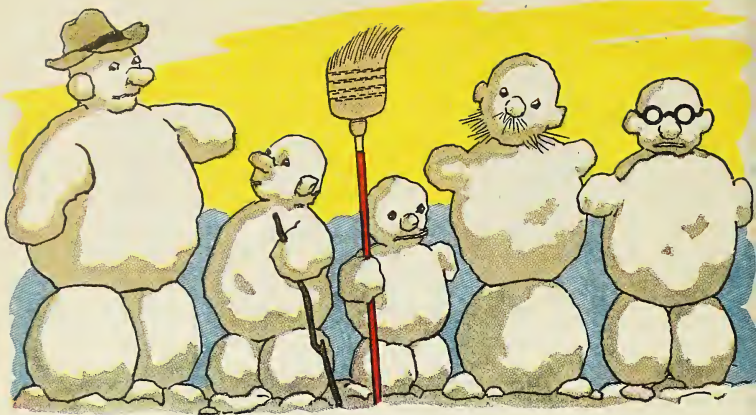
January 3

January 30

January 21

January 13

Look at the calendar to find the day of the week when each birthday came.



Find the Right Snow Man

1. Bobby's snow man is the first one in the picture.

His snow man has a hat.

2. The third snow man has a ____.

3. The fifth snow man has ____.

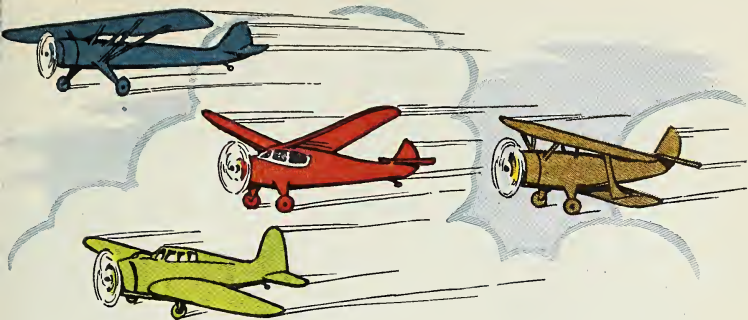
4. The second snow man has a ____.

5. The fourth snow man has ____.

6. Which snow man is the largest?

7. Which snow man is the smallest?

8. Which snow man do you like most of all? Why do you like it?



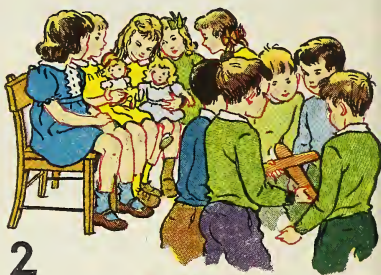
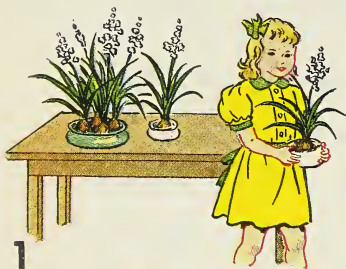
High and Low

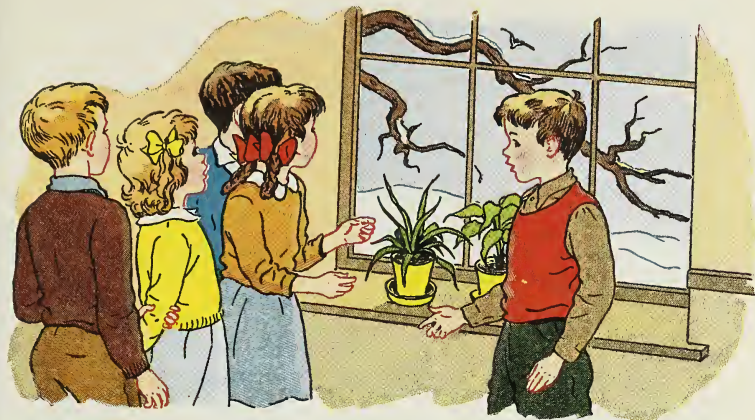
On Saturday Bobby and some friends were playing with their toy airplanes. Look at these airplanes in the picture.

1. Which airplane is just as high as the brown airplane?
2. Is the blue airplane higher than the brown one?
3. Which airplane is the highest?
4. Is the red airplane as low as the green airplane?
5. Is the red airplane lower than the blue one?
6. Which airplane is lowest?

Number Stories

Make up a number story about each of the pictures below. See if you can make up three or four number stories about some of the pictures.





A Feeding Table for Birds

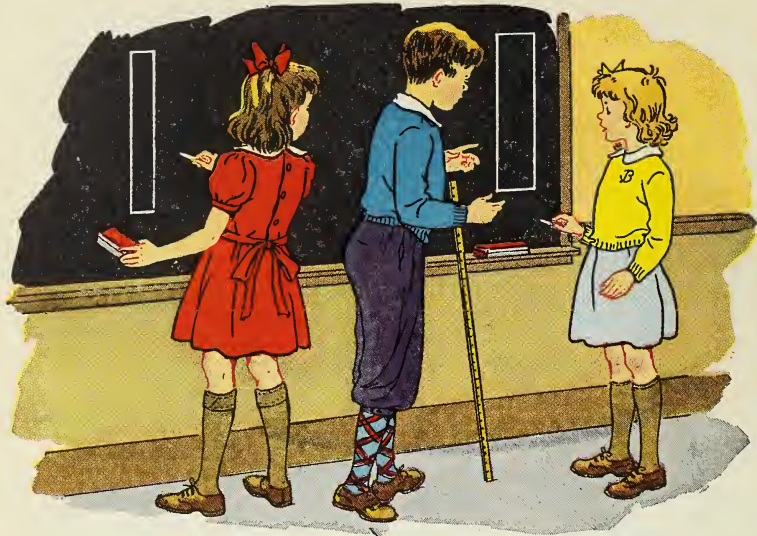
On the way to school one day Bobby saw some birds looking for things to eat.

When he got to school, he told the boys and girls about these birds.

Jane said, "Why can't we help them find something to eat?"

"Yes," said Jack. "Why don't we make a feeding table for them?"

So the boys and girls decided to make a big, wide feeding table and to put it in the tree near the window.



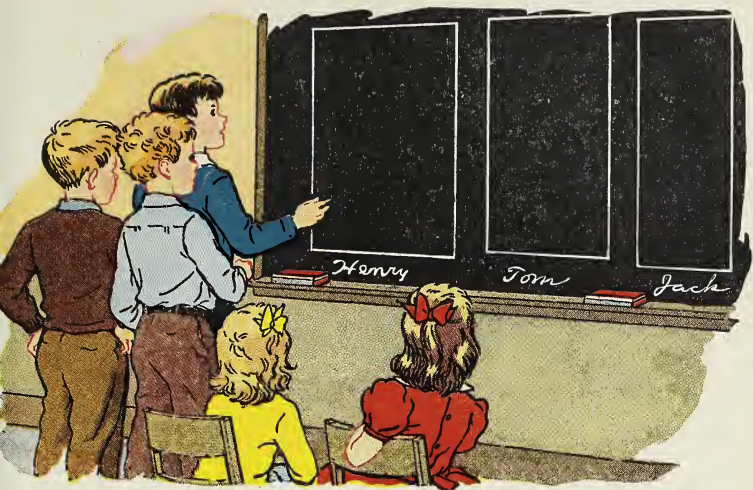
First the boys and girls made pictures to show how big they wanted the table.

Then they looked at all the pictures.

Betty's picture showed a narrow table.

"Oh, Betty," said Jack. "Your table would be too narrow. There would not be enough room for many birds on it!"

Mary said, "Then I know my table would never do. It would be too narrow! It is narrower than Betty's."



Jack said, "I think we should make a table wide enough for many birds.

Look at my picture. It shows a table wider than the ones the girls want."

Tom's picture showed a table wider than Jack's. And Henry's picture showed the widest one of all.

"Let's make our feeding table as big as the one in Henry's picture," Tom said.

"Then it will hold all the birds that come to eat."

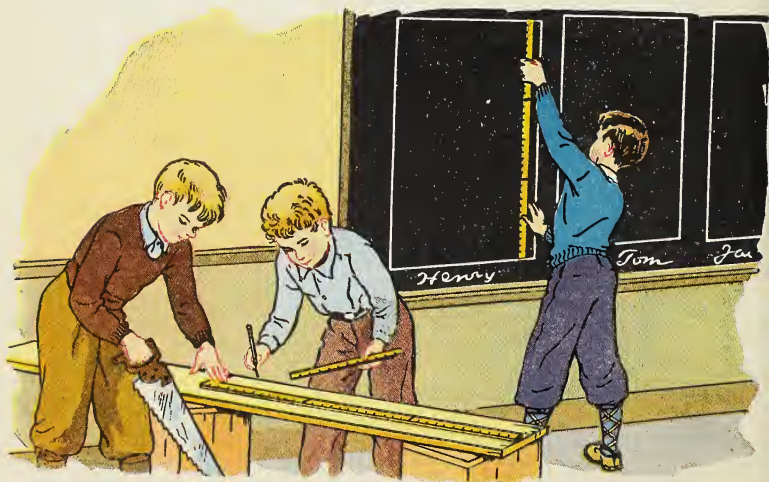
"Henry's picture is 36 inches long and 24 inches wide," said Jack.

"Let's make our feeding table just that large."

So the children decided to let Tom, Henry, and Jack make the table. It was to be just as large as Henry's picture.

Then the three boys began to make the big, wide feeding table.

Look at the picture. What did the boys use to help them measure?





On Thursday the feeding table was ready to use, and the boys and girls put it in the big tree near the windows.

The next day Betty ran to the window to look at it.

"There is something on our table!" she cried. "Guess what it is!"

The children all ran to the window.

Bobby took one look and then laughed.

"What a joke on us!" he said. "We made a feeding table for birds. And just see what is on it!"



Wide and Narrow

Here are some books about birds that the children liked to read.

1. Is the yellow book as wide as the green book?

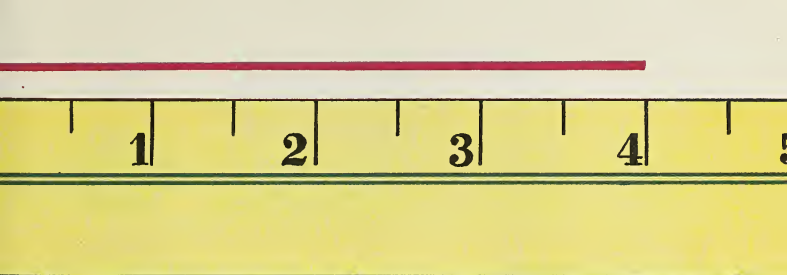
2. Is the green book wider than the red book?

3. Which book is the widest?

4. Is the green book as narrow as the yellow book?

5. Is the yellow book narrower than the red book?

6. Which book is the narrowest?



1

2

3

4

5

How to Measure

When they made the feeding table for birds, the boys measured the boards with rulers.

There were 12 numbers on each ruler that the boys used.

Look at the ruler that you have.

It is just one **inch** from one number to another.

How many inches are on your ruler?

Now look at the red line at the top of this page.

Measure this red line with your ruler.

How many inches long is it?

Lines to Measure

1. Look at Line A.

Tell how many inches long you think it is. Then measure it with your ruler.

2. How long do you think Line B is? Measure it.

3. How many inches long is line C?

4. Line B is ____ inch shorter than Line A.

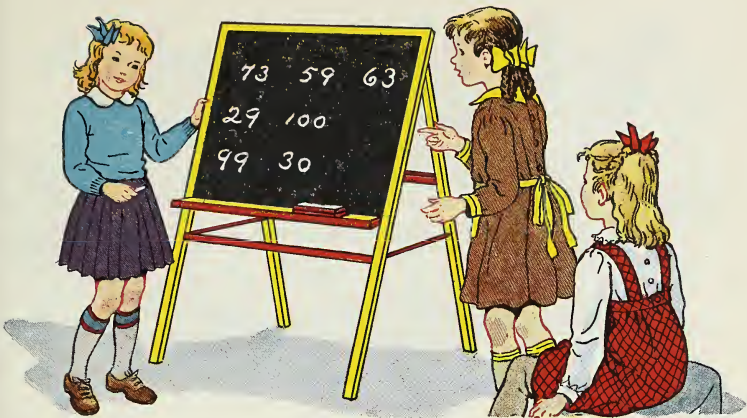
5. Line C is ____ inches shorter than Line A.

6. Sometimes the thing we measure is just a little longer than 2 inches or 5 inches.

Measure Line D. It is just a little longer than ____ inches.



A B C D



Playing School

On Saturday some of Betty's friends came to play with her. The girls played school from two o'clock to three o'clock.

Jane told Nancy to count from 1 to 100.

Then she told Betty to write these:

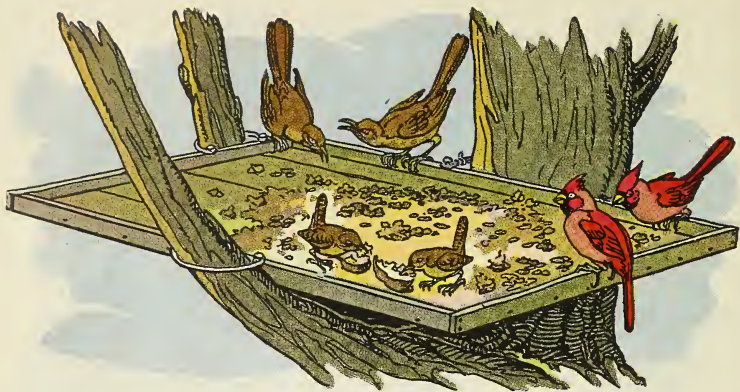
73 29 99 59 100 30 36

Look at the picture on this page.

Are Betty's numbers right?

Now write these numbers:

32 87 91 68 44 56 100



Feeding the Birds

On Monday the children put old bread and other things to eat on the feeding table.

1. When Betty looked at the table, she saw 2 red birds and 4 brown birds on it.

Look at the picture. How many birds are on the table?

Read Example A on page 167.

Read Example B on page 167.

These examples show how we can add to get the answer.

$$\begin{array}{r} \text{A} \\ 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \text{B} \\ 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \text{C} \\ 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \text{D} \\ 6 \\ - 4 \\ \hline 2 \end{array}$$

2. Susan looked at the 6 birds that were on the feeding table. She saw that 2 birds were eating. Look at the picture. How many birds were not eating?

Read Example C. This example shows how we can subtract to get the answer.

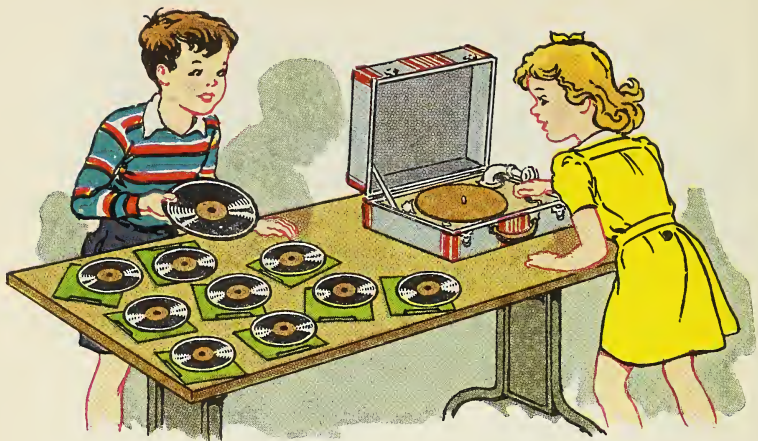
3. 4 of the 6 birds on the table were large. Look at the picture. How many of the birds were small?

Read Example D above. It shows how we can subtract to get the answer.

Give answers to the examples below:

$$\begin{array}{r} 1 \quad 6 \quad 2 \quad 9 \quad 2 \quad 2 \quad 6 \quad 1 \quad 4 \\ +4 \quad -5 \quad +4 \quad -1 \quad +3 \quad +1 \quad -2 \quad +8 \quad -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 1 \quad 9 \quad 5 \quad 6 \quad 5 \quad 3 \quad 5 \quad 10 \\ +2 \quad +1 \quad -8 \quad +1 \quad -4 \quad -1 \quad +3 \quad -3 \quad -5 \\ \hline \end{array}$$



Looking for Bird Records

Bobby looked at the records at school on Tuesday. He wanted to play a record about birds.

1. Bobby looked at 9 small records and 1 large record.

Look at the picture. How many records did he look at altogether?

Tell whether to add or subtract.

Two of the examples on page 169 show the answer. Read these two examples.

$$\begin{array}{r} \text{A} \\ 1 \\ +9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{B} \\ 9 \\ +1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{C} \\ 10 \\ -1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \text{D} \\ 10 \\ -9 \\ \hline 1 \end{array}$$

2. There were 10 records on the table and 9 green covers for the records. Look at the picture. How many more covers were needed for the records?

Tell whether you should add or subtract.

Read an example at the top of the page that shows the answer.

3. There were 10 records on the table. Bobby took 1 of the records away to play. How many records were on the table then?

Read an example that shows the answer.

Give the answers to these examples:

$$\begin{array}{r} 2 \quad 10 \quad 5 \quad 8 \quad 1 \quad 5 \quad 2 \quad 1 \quad 8 \\ +2 \quad -1 \quad -2 \quad +1 \quad +9 \quad -4 \quad +4 \quad +2 \quad -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 3 \quad 4 \quad 10 \quad 6 \quad 5 \quad 6 \quad 9 \quad 3 \\ -1 \quad +2 \quad +1 \quad -9 \quad -3 \quad +5 \quad -2 \quad +1 \quad -1 \\ \hline \end{array}$$

A



B



C



Spending Money

One Saturday Bobby, Jack, and Joe went to the store for their mothers.

1. Joe gave the store man five nickels for some apples. Look at Picture A above. How many cents did Joe give the store man for the apples?

2. Jack gave the store man two dimes and one nickel. Look at Picture B. Count the money this way: 10¢, 20¢, 25¢. Jack gave how many cents to the store man?

3. Bobby gave a quarter to the man. Picture C shows the quarter. Bobby gave the store man ____ cents.

Number Stories

1. 6 boys played with an old red ball on the school playground. At 5 o'clock 3 of these boys went home. There were ____ boys left to play with the ball.

2. Bobby's dog ate 4 small bones and 2 large bones. In all he ate ____ bones.

3. Joe has 6 quarters in his bank, and Tom has 4 quarters in his bank. Joe has ____ more quarters in the bank than Tom.

4. Last week Tom read 5 story books, and Jack read 3 story books. Jack read ____ fewer story books than Tom.

5. 8 boys and 1 girl have been playing on the new slide. In all ____ children have been playing on the new slide.

6. Jack put 10 toy cars in the garage, and Tom put 1 car in the garage. Jack put ____ more cars in the garage than Tom.

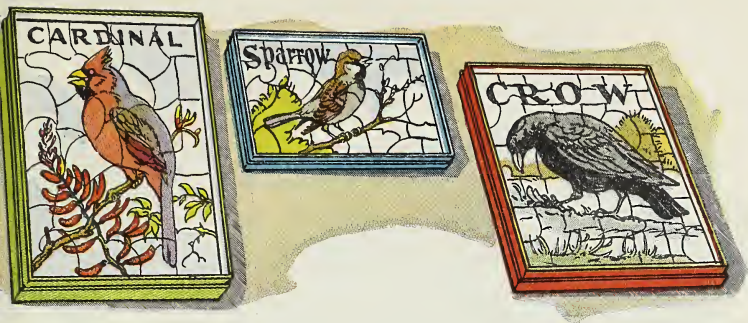
7. Henry wanted to earn enough to buy a toy lighthouse that cost 9 cents. He earned 1 cent on Saturday. He needed — more cents to buy the lighthouse.

8. Jack will earn 5 cents on Saturday, and Jane will earn 5 cents. Altogether how much money will the two children earn on Saturday?

9. On the day before her birthday Susan got 1 letter. On her birthday she got 9 more letters. How many letters did Susan get on both days?

10. Joe played 3 games. He could win only 1 game. How many games could Joe not win?

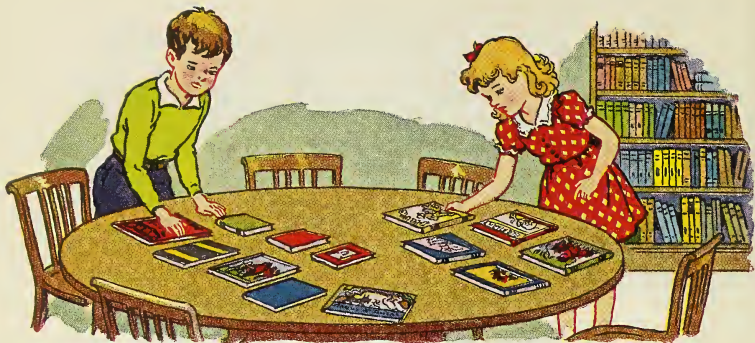
11. On Friday Father fixed 4 of Sally's 6 old doll chairs. He said he would fix the others on Saturday. How many chairs were there for him to fix on Saturday?



Picture Puzzles of Birds

Here are some picture puzzles that Nancy told the children about.

1. Does the largest puzzle have a red bird on it?
2. Does the smallest puzzle have a black bird on it?
3. Which puzzle is larger than the one with the black bird?
4. Is the puzzle with the black bird larger than the one with the brown bird?
5. Is the middle puzzle the smallest?
6. Is the puzzle with the red bird bigger than the one with the black bird?



At the Library

Betty and Bobby went to the library after school on Wednesday.

On page 175 are some number stories telling what they did at the library.

Do these four things with each story:

First: Read the number story.

Second: Tell whether you should add or subtract to get the answer.

Third: Use the picture to help you answer the question.

Fourth: Read an example that shows the answer.

$$\begin{array}{r} A \\ 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} B \\ 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} C \\ 8 \\ - 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} D \\ 8 \\ - 5 \\ \hline 3 \end{array}$$

1. Bobby took 5 large story books and 3 small story books from the book shelf. How many books did he take from it?

2. Bobby took 8 books from the shelf, and Betty took 5 books from the shelf. Betty took how many fewer books from the shelf than Bobby?

3. Bobby decided to take 3 of the 8 books home from the library. He put the others back on the shelf. How many books did he put back on the shelf?

Give the answers to these examples:

$$\begin{array}{r} 8 \quad 1 \quad 10 \quad 2 \quad 6 \quad 3 \quad 1 \quad 3 \quad 9 \\ -5 \quad +5 \quad -1 \quad +3 \quad -4 \quad -2 \quad +4 \quad +5 \quad -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 1 \quad 8 \quad 2 \quad 1 \quad 4 \quad 10 \quad 9 \quad 5 \\ +4 \quad +9 \quad -3 \quad -1 \quad +8 \quad +2 \quad -5 \quad -8 \quad +3 \\ \hline \end{array}$$



Buying Loaves of Bread

On the way home from the library Bobby and Betty went to a store. They wanted to buy some loaves of bread.

1. Betty saw 6 small loaves of white bread and 1 large one. How many loaves did she see altogether?

2. There were 7 loaves of white bread, and Bobby bought just 1 of these loaves. How many loaves of white bread were left?

$$\begin{array}{r} A \\ 1 \\ +6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} B \\ 6 \\ +1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} C \\ 7 \\ -1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} D \\ 7 \\ -6 \\ \hline 1 \end{array}$$

3. Betty saw 7 loaves of white bread and 6 loaves of brown bread. Betty saw how many more loaves of white bread than brown bread?

Give the answers to these examples:

$$\begin{array}{r} 6 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

Large Numbers

1. Read these numbers:

173 219 250 220 181 278 117

2. Which is more, 100 or 200?

3. Which is more, 273 or 169?

4. Which is most, 100 or 300 or 200?

5. Which is most, 84 or 75 or 29?

6. Which is most, 216 or 104 or 261?

Number Stories

Bobby made up some number stories one day. Here are the ones he made up.

When you read each number story, decide whether you should add or subtract to get the answer. Then give the answer.

1. "I bought 7 bones for Bingo," said Bobby. "I gave Bingo 1 of these bones. How many bones did I have then?"

2. "Betty has 8 cents. I have 3 cents. I have how much less money than Betty?"

3. "I want 6 squares of paper to make covers for my books at home. I have only 2 squares. How many more squares of paper do I need?"

4. "I had 1 cent in one hand and 6 cents in the other hand. How much money did I have in both hands?"

5. "A new ribbon for our cat Fluffy costs 5 cents. Betty has only 4 cents. How much more money does she need to buy Fluffy's new ribbon?"

6. "9 girls want to play the triangles in the toy band, and 1 boy wants to play a triangle. How many children want to play triangles in our band?"

7. "We want 10 triangles for our band, and we have only 5 triangles. We need how many more triangles?"

8. "Joe has 2 bells, and Tom has 1 bell. Tom has how many fewer bells?"

9. "If you had 4 cookies and I gave you 4 more, how many cookies would you have?"

10. "Tom wanted to win 5 games of marbles. He did win 3 games. He wanted to win how many more games?"



At the Playground

After school on Friday Bobby and Betty and some of their friends went to play at the playground.

Bobby and his friends used the slides and played with a big ball. Betty and her friends jumped rope.

1. 5 boys were playing with a big ball, and 4 boys were playing on the slides. How many boys in all were playing?

2. 5 girls and 9 boys were playing on the playground. How many more boys than girls were playing there?

$$\begin{array}{r} A \\ 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} B \\ 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} C \\ 9 \\ - 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} D \\ 9 \\ - 5 \\ \hline 4 \end{array}$$

3. There were 9 boys on the playground. 4 of these boys went home. There were how many boys left on the playground?

Give the answers:

6	8	5	4	10	8	7	3	5
<u>-2</u>	<u>-3</u>	<u>+1</u>	<u>+5</u>	<u>-1</u>	<u>+1</u>	<u>-6</u>	<u>+3</u>	<u>-1</u>
9	2	3	4	5	6	6	1	9
<u>-4</u>	<u>+1</u>	<u>+5</u>	<u>-2</u>	<u>+4</u>	<u>+1</u>	<u>-5</u>	<u>+9</u>	<u>-5</u>

Missing Numbers

Read and give the answers:

6 is the same as

$4 + \underline{\quad}$

$1 + \underline{\quad}$

$3 + \underline{\quad}$

$2 + \underline{\quad}$

$5 + \underline{\quad}$

5 is the same as

$3 + \underline{\quad}$

$4 + \underline{\quad}$

$2 + \underline{\quad}$

$1 + \underline{\quad}$

$2 + \underline{\quad}$

Give the Answers

Look at the examples on this page.

Be ready to do these two things:

First: Give answers for the examples in each row.

Second: Give answers for the examples under each letter.

	A	B	C	D	E
Row 1	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 1 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$
Row 4	$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$

Number Stories

One day Betty and Bobby were looking at a book that had pages of puzzles in it.

1. One page in the book had questions on it. Betty answered four of them, and Bobby answered five of them. In all Bobby and Betty answered ____ questions.

2. Another page showed a picture that had six things missing in it. Bobby found four of the missing things right away. Then there were ____ things left to find.

3. Bobby liked a page that had questions about birds. There were eight questions on the page, and Bobby answered five. He did not answer ____ of the questions.

4. On one page were nine questions about animals. Betty answered just four of these nine questions. There were ____ of the questions she did not answer.



Playing with Paper Dolls

Betty and Nancy had a good time playing with paper dolls one day.

1. Betty cut out 7 girl dolls and 1 boy doll. How many paper dolls did she cut out altogether?

2. Nancy cut out 7 paper dolls. Betty cut out 8 paper dolls. Nancy cut out how many fewer paper dolls than Betty?

$$\begin{array}{r} A \\ 1 \\ + 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} B \\ 7 \\ + 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} C \\ 8 \\ - 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} D \\ 8 \\ - 7 \\ \hline 1 \end{array}$$

3. "I'll paint all 8 paper dolls that have been cut out by me," said Betty. When she had painted 1 of the 8 dolls, how many more of them did she have to paint?

Give the answers to these examples:

$$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$$

Numbers to Write

Write the number

1. that comes just after 13.
2. that comes between 75 and 77.
3. that comes just before 24.
4. that comes just after 99.
5. that comes just before 50.
6. Write the numbers from 30 to 40.

How Long Are They?



1. Look at the red pencil.
Tell how many inches long
you think it is.

Measure it with your ruler.
Was your guess right?

2. Look at the black pencil.
Tell how many inches long
you think it is.

Measure it with your ruler.
Was your guess right?

3. How long do you think
the blue pencil is?

Measure it with your ruler.

4. Look at the pencil that
you have. How long do you
think it is?

Measure it with your ruler.



Wide and Narrow

The boys are looking for wide boards to use when they make a bird house.

1. Which are the two widest boards in the picture?

2. Which board is just as wide as the brown board?

3. Is the yellow board wider than the brown board?

4. Is the yellow board as narrow as the green board?

5. Is the green board narrower than the brown board?

6. Which board is the narrowest?



Inches and Feet

Bobby and Tom needed some boards that were 12 inches long. One board they measured was just that long.

The picture above shows how the boys measured the board. It was 12 inches long.

12 inches are the same as one foot.

Most of the rulers that we use have just 12 inches on them. These rulers are just ____ foot long.

Do you have a ruler? Is it just a foot long? If it is not, how long is it?

1. What do you see in your room that you think is just about one foot long?

Measure it with your ruler to see if you guessed right. Was it more or less than one foot?

2. What do you see in your room that you think is just about two feet long?

Measure it with your ruler to see if you guessed right.

3. Which of these things would be about one foot long?

a table a bat a doll a pencil box

4. Which of these things would be about three feet long?

a bat a book a table a kite

5. Which of these things would be about six inches long?

a candy stick a pencil a peanut



Betty's peanuts



Susan's peanuts



Jack's peanuts

The Peanut Game

One day some of the children played a peanut game at Bobby's house.

Bobby put some peanuts under things in the room for the children to find.

The one who found the most would win.

The picture shows the peanuts that some of the children found.

1. Betty found 6 peanuts, and Susan found 4 peanuts. How many peanuts in all did the two girls find?

2. Betty found 6 peanuts. Jack found 10 peanuts. Jack found how many more than Betty?

$$\begin{array}{r} A \\ 4 \\ +6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} B \\ 6 \\ +4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} C \\ 10 \\ -4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} D \\ 10 \\ -6 \\ \hline 4 \end{array}$$

3. Jack found 10 peanuts. He gave 4 to Bobby. How many did Jack have then?

Give the answers:

$$\begin{array}{r} 10 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -9 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

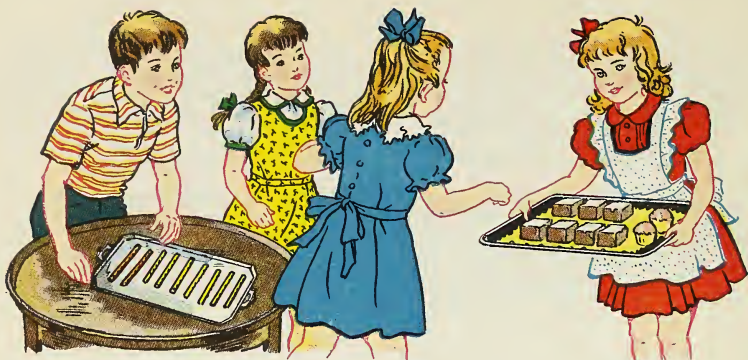
Large Numbers

Read these numbers:

89 104 280 176 220

Which is less,

1. the third number or fourth number?
2. the first number or fifth number?
3. the second number or third number?
4. The fifth number or third number?
5. the fourth number or second number?



Cakes and Candy Sticks

After they had played the peanut game, Mother told Betty to give all the children some candy, cakes, and milk.

1. The children had 7 square cakes and 2 round cakes to eat. How many cakes did they have to eat?

2. Nancy ate 2 of the 9 little cakes. How many cakes were left?

$$\begin{array}{r} A \\ 2 \\ + 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} B \\ 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} C \\ 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} D \\ 9 \\ - 7 \\ \hline 2 \end{array}$$

3. Bobby gave 9 round sticks of wood to them. 7 of the sticks were yellow and the others were red. How many red sticks did Bobby give to them?

Give the answers to the examples below:

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

Henry Earns Some Money

These numbers show how much money Henry earned last week.

Monday - 1¢

Wednesday - 7¢

Friday - 8¢

Tuesday - 9¢

Thursday - 2¢

Saturday - 10¢

How many fewer cents did he earn

1. on Wednesday than on Tuesday?
2. on Wednesday than on Friday?
3. on Monday than on Saturday?
4. on Thursday than on Tuesday?



Number Stories

One day Betty and her friends made pictures in their big picture books.

1. Betty made a big picture showing 7 cows and 6 horses. Her picture showed how many more cows than horses?

2. Susan made a big picture showing a garage with 9 cars in it. She made 8 of the cars green and the other cars red. She made how many red cars?

3. Mary's picture showed 7 girls and 2 boys playing on a slide. Her picture showed — children playing on a slide.

4. Nancy's picture showed 4 boats. 2 of these boats had masts on them. There were — boats without masts.

5. In Jane's picture 6 boys and 4 girls were playing in a toy band. There were — children playing in the toy band.

6. Tom's picture showed 1 big monkey and 7 little monkeys. Altogether there were ____ monkeys in his picture.

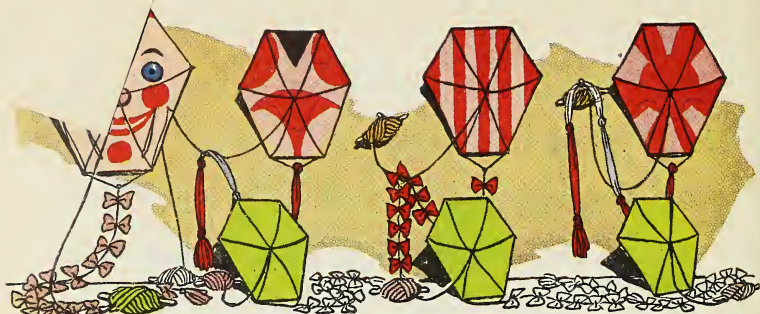
7. Bobby's picture showed 9 balls and 2 bats. There were ____ fewer bats than balls in his picture.

8. In Jack's picture there were 8 boys playing ball. Only 1 boy had a bat. There were ____ boys who did not have bats.

9. Henry made a picture of a garage with 5 black cars and 4 brown cars in it. There were ____ cars in the garage.

10. Joe's picture showed 4 brown cows and 2 cows that were black and white. His picture showed ____ cows in all.

11. Sally's picture showed 3 boys and 3 girls playing marbles. Her picture showed ____ children playing marbles.



Kites to Fly

This picture shows the kites that some children made at Bobby's house one Saturday.

1. The boys made 3 small red kites and 1 very large red kite. How many red kites did they make?

2. The girls made 3 green kites, and the boys made 4 red kites. The girls made how many fewer kites than the boys?

$$\begin{array}{r} A \\ 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} B \\ 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} C \\ 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} D \\ 4 \\ - 3 \\ \hline 1 \end{array}$$

3. Bobby took 1 of the 4 red kites out to fly it. The other red kites were left at home. How many red kites were left at home?

Give the answers or the missing numbers:

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} \star \\ +5 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ +\star \\ \hline 8 \end{array} \quad \begin{array}{r} \star \\ +2 \\ \hline 3 \end{array} \quad \begin{array}{r} \star \\ +1 \\ \hline 10 \end{array} \quad \begin{array}{r} 8 \\ +\star \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ +\star \\ \hline 6 \end{array} \quad \begin{array}{r} \star \\ +6 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ +\star \\ \hline 5 \end{array} \quad \begin{array}{r} \star \\ +4 \\ \hline 9 \end{array}$$

Adding Numbers

A

3	2	5	1
---	---	---	---

C

2	3	1	4	7
---	---	---	---	---

B

5	1	3	4
---	---	---	---

D

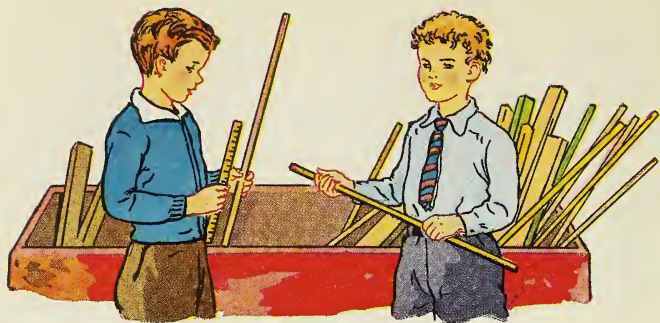
4	2	5	1	6
---	---	---	---	---

Add 3 to each number in Box A.

Add 5 to each number in Box B.

Add 2 to each number in Box C.

Add 4 to each number in Box D.



Number Stories

Before long most of the boys began to make kites like the ones that Bobby and his friends had made.

1. Henry needed 4 sticks that were each 2 feet long. He found 1 stick that was just this long. How many more sticks like this one did he need?

2. Joe wanted to use a stick that was 3 feet long. He found one stick and measured it. But this stick was only 2 feet long. How much longer should it have been so that Joe could use it?

3. Jack cut 2 sticks so that each was 1 foot long. Then he cut 3 sticks so that each was 2 feet long. How many sticks did he cut altogether?

4. Billy used 6 sticks to make his kite. Tom used 5 sticks to make his kite. Billy used how many more sticks than Tom?

5. Henry and Jack bought some paper for their kites. The paper that Henry bought cost 7 cents, and the paper that Jack bought cost 4 cents. Jack's paper cost how much less than Henry's paper?

6. A stick that is four feet long is how much longer than a stick that is only two feet long?

7. A stick that is 9 inches long is how much shorter than a stick that is 10 inches long?



Covers for Books

Miss Hill put some book covers where all the children could see them.

1. The children saw 5 large covers and 2 small covers. How many covers did they see in all?

2. Then the children decided to make new covers for 7 of their books at school. Betty made 2 of the covers and put them on the books. How many more covers were needed for the 7 books?

$$\begin{array}{r} A \\ 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} B \\ 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} C \\ 7 \\ - 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} D \\ 7 \\ - 5 \\ \hline 2 \end{array}$$

3. There were 7 books on the table, and Bobby took 5 away to make covers for them. How many books were left?

Give the answers:

$$\begin{array}{r} 7 \quad 5 \quad 5 \quad 4 \quad 2 \quad 2 \quad 8 \quad 2 \quad 10 \\ -2 \quad +4 \quad -4 \quad -1 \quad +4 \quad +5 \quad -4 \quad +7 \quad -6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 7 \quad 1 \quad 9 \quad 1 \quad 10 \quad 1 \quad 5 \quad 7 \\ +5 \quad -5 \quad +2 \quad -2 \quad +3 \quad -1 \quad +7 \quad +2 \quad -1 \\ \hline \end{array}$$

How Much Money?

How much money will you have left if you have

1. a nickel and spend 2 cents?
2. a dime and spend 5 cents?
3. a nickel and spend 4 cents?
4. a dime and spend 6 cents?
5. a dime and spend 1 cent?

Number Stories

1. Last week Betty made 1 new dress for her doll, and Jane made 1 new dress for her doll. How many new dresses did both girls make?

2. Bobby was holding 3 of his quarters in one hand and 1 quarter in the other. He was holding — quarters in both hands.

3. Betty had a book of big paper dolls to cut out. There were 7 paper dolls in the book, and Betty cut out 2 of them on Tuesday. How many paper dolls were left to be cut out?

4. Joe and Bobby looked for some sticks for their plants. Bobby found 10 sticks and put them in a pile. Joe found 4 sticks and put them in another pile. There were how many more sticks in Bobby's pile than in Joe's pile?

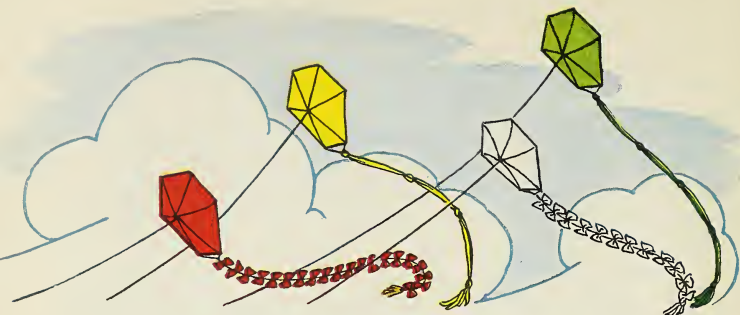
5. One day Henry saw some kites flying. He saw 2 large kites and 5 small kites. How many kites did Henry see flying that day?

6. Mary wanted to buy a box of candy that had prizes in it. The box of candy cost 7 cents, and Mary had only 5 cents. How much more money did she need to buy the candy?

7. Tom found 4 prizes in the box of candy that he bought. He gave 1 prize to Joe. How many prizes did Tom have left?

8. Mother gave Nancy a dime to buy some pencils. The pencils cost 6 cents. How much money did Nancy have left after she had bought the pencils?

9. Joe needed a stick that was 1 foot long. He had a stick that was 10 inches long. Was the stick long enough?



Low, Lower, Lowest

Here are some kites that Henry and Jack saw flying above the playground one day.

1. Is the yellow kite as low as the red kite?

2. Is the white kite as low as the red kite?

3. Is the red kite lower than the green kite?

4. Is the yellow kite as low as the white kite?

5. Is the white kite lowest?

6. Which kite is lowest?



Wide and Narrow

One day the children planted flowers. They planted flowers in the widest box first. Which box is the widest?

1. Is the brown box as wide as the green box?
2. Is the red box wider than the green box?
3. Is the green box as narrow as the brown box?
4. Is the red box narrower than the brown box?
5. Which box is the narrowest?

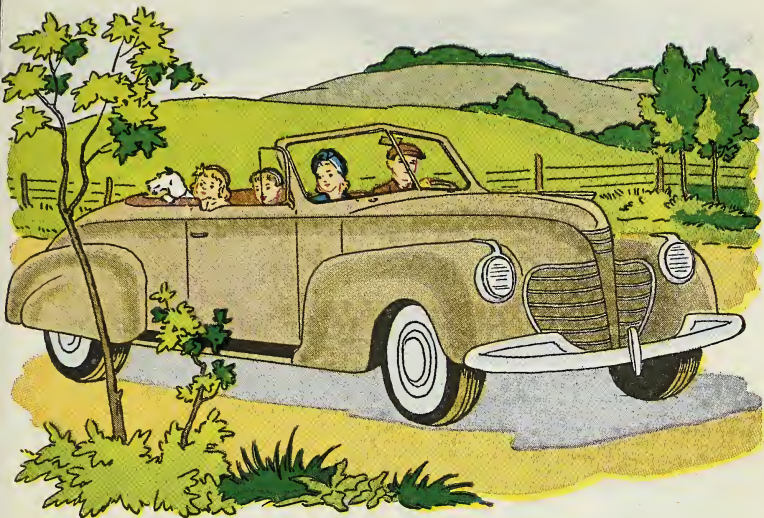
Give the Answers

Look at the examples on this page,
and be ready to do these things:

First: Give answers for the examples
in each of the four rows.

Second: Give answers for the examples
under each letter.

	A	B	C	D	E
Row 1	$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +7 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$
Row 4	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$



Bingo and Star

One Sunday Father and Mother took Betty and Bobby to a farm. They took Bingo to the farm with them, too.

Father and Mother were going to see their friends, the Whites. Betty and Bobby were going to see their friend, Joe White.

Bingo was going to see a big dog called Star, but Bingo did not know it.



After they had come to the farm, Bobby and Betty and Joe sat under a big tree.

Bingo sat under the tree with them.

All at once a very large dog came near the big tree and sat down, too.

"G-r-r-r-r-r!" said Bingo. "G-r-r-r!"

"Why, Bingo!" said Joe. "Don't do that. Star is a good dog. You can never guess all the things that Star can do."



"What can Star do?" asked Bobby.

"That is what I want to know," said Betty. "What can Star do that Bingo can't do?"

Joe said, "When five o'clock comes, you will see what Star can do."

Bobby said, "I'll show you what Bingo can do right now. Jump, Bingo! Jump! Jump up to this stick!"

Then Bingo jumped up high.

Bobby put the stick higher and higher, and Bingo jumped higher and higher, too.

"Good!" cried Joe. "Good dog, Bingo!"

"Now look at Bingo," said Betty.

"I will throw three sticks, and you will never guess which one he will bring back. He will bring back the longest!"

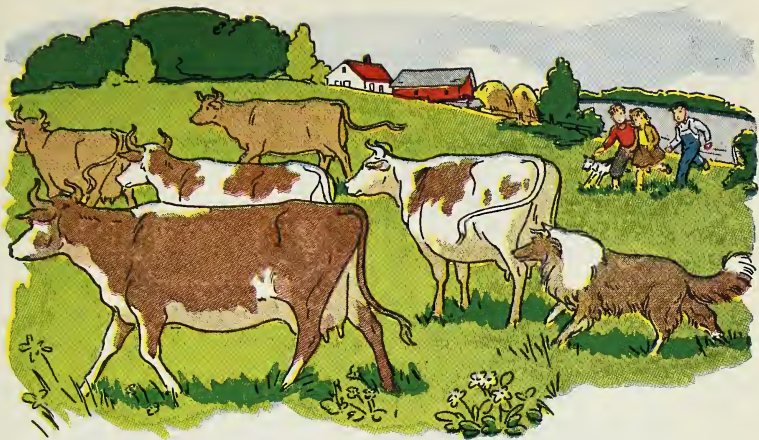
And that is what Bingo did.

Bobby said, "Now look again.

This time Bingo will take seven or eight steps just like a man!"

Joe laughed and said, "Oh, Bingo! You can take steps just like a man, but you look very, very funny!"





All at once Star jumped up and started to run.

"It must be five o'clock," said Joe.

"Now you will see what Star can do.

Come on! Let's go with him!"

"We must hurry!" said Betty.

Soon they saw what Star was doing.

He was bringing the cows home!

"Why, Joe," cried Bobby. "Star knows how to bring the cows home, and he knows when it is time to do it.

He knows more than Bingo after all!"

Animals on the Farm

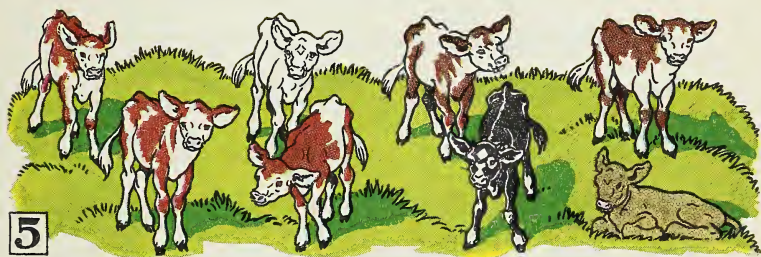
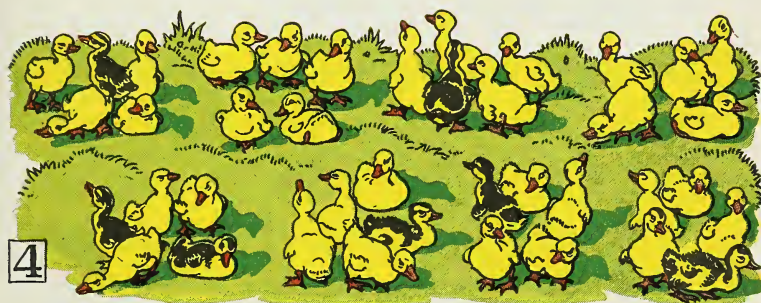
Joe showed Bobby and Betty some of the animals on the farm.

Here is a picture of the animals that the children saw.

Count the animals in Picture 1 by twos.

Count the animals in Picture 2 by twos.





Count the animals in Picture 3 by fives.
Count the animals in Picture 4 by fives.
Count the animals in Picture 5 by twos.

Number Stories

1. Joe took Bobby and Betty to look for eggs. Betty found 5 eggs, and Bobby found only 1 egg. How many more eggs did Betty find than Bobby?

2. Bobby and Betty saw 2 small goats and 4 larger goats on the farm. They saw how many goats altogether?

3. Bobby saw some cats that looked like Fluffy. He saw 6 big cats, and then he saw 1 bigger cat. How many cats did he see in all?

4. Joe had 7 little rabbits in one cage on his farm. 2 of the rabbits in the cage were white, and the others were brown. How many brown rabbits were in the cage?

5. Betty counted 8 white horses and 4 brown horses on the farm. She counted — more white horses than brown ones.

Find the Pictures

1. Look at the boards that are back of Betty in the picture on page 216.

Is the middle board the widest board?

2. Look at the money in the picture on page 170. How much money is there in the picture above Pictures B and C?

3. About how many inches long is the middle pencil on page 186?

4. Is the yellow kite in the picture on page 204 the lowest?

5. How many animals in all are there in the pictures on page 212?

6. What is the largest number that you see in the picture on page 165?

7. Is there any line on page 164 that is longer than Line B?

8. How many more square cakes than round cakes are in the picture on page 192?



Feeding the Pigs

Bobby and Betty helped Joe when he was feeding the pigs on the farm.

1. Betty counted 6 black pigs and 3 red pigs. How many pigs did she count in all?

2. Joe and Betty both called the pigs to come and eat. 6 of the 9 pigs ran to Joe. The other pigs ran to Betty. How many pigs ran to Betty?

$$\begin{array}{r} A \\ 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} B \\ 3 \\ + 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} C \\ 9 \\ - 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} D \\ 9 \\ - 6 \\ \hline 3 \end{array}$$

3. Betty wanted an apple for each of the 9 pigs. She had only 3 apples. How many more apples did she need?

Give the answers:

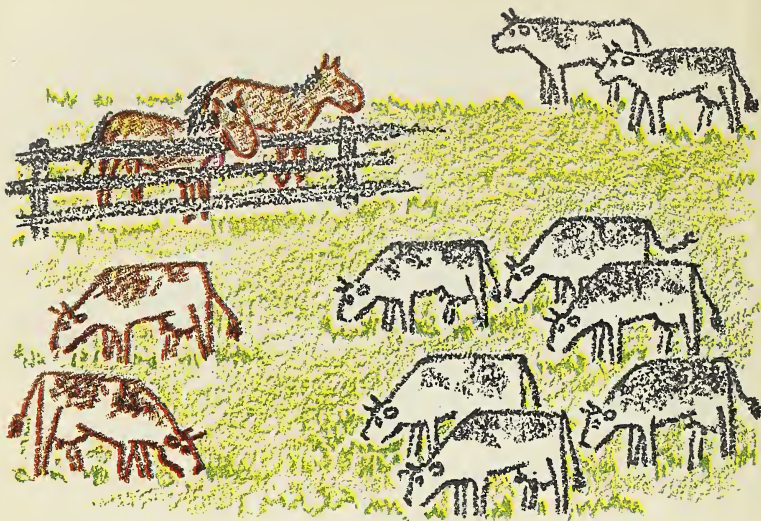
$$\begin{array}{r} 3 \quad 6 \quad 8 \quad 9 \quad 1 \quad 7 \quad 1 \quad 5 \quad 6 \\ +1 \quad +4 \quad -7 \quad -6 \quad +6 \quad -2 \quad +1 \quad -2 \quad +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 1 \quad 9 \quad 6 \quad 2 \quad 4 \quad 9 \quad 3 \quad 1 \\ -5 \quad +8 \quad -3 \quad -2 \quad +5 \quad -3 \quad -7 \quad +6 \quad +9 \\ \hline \end{array}$$

Narrow, Narrower, Narrowest

Look at the boards that are back of Betty in the picture on page 216.

1. Is the middle board the narrowest?
2. Is the top board the narrowest?
3. Which boards are narrower than the bottom board?



Betty's Picture

When Betty got home from the farm, she made the picture you see above.

1. Betty made 8 black and white cows in her picture and 2 brown and white cows. How many cows did she make altogether?

2. 8 of the 10 cows in Betty's picture are eating. How many of these cows are not eating?

$$\begin{array}{r} A \\ 2 \\ + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} B \\ 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} C \\ 10 \\ - 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} D \\ 10 \\ - 8 \\ \hline 2 \end{array}$$

3. Betty made 10 cows and 2 horses in her picture. How many more cows than horses did she make?

Give the answers:

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

Missing Numbers

8 is the same as

$$4 + \underline{\quad}$$

$$1 + \underline{\quad}$$

$$3 + \underline{\quad}$$

$$\underline{\quad} + 1$$

$$\underline{\quad} + 3$$

9 is the same as

$$2 + \underline{\quad}$$

$$8 + \underline{\quad}$$

$$5 + \underline{\quad}$$

$$\underline{\quad} + 2$$

$$3 + \underline{\quad}$$

Buying Milk

Before school one Tuesday Mother said, "I need some more milk, Betty. Will you please go to the store and buy a quart of milk?"

"All right," said Betty. "I'll take Bingo with me, and we will hurry as fast as we can."

So Betty went to the store and asked the store man for a quart of milk.

The man said, "I don't have any more quarts of milk. But here are two pints. Two pints are the same as one quart."

Then Betty took the two pints of milk home to Mother.

"Look, Mother," she said. "Here are two pints of milk. The store man told me that two pints are the same as one quart. I don't know whether or not he was right."



"I'll tell you how to find out, Betty," said Mother. "You can put the two pints of milk into this quart bottle.

See whether or not the quart bottle can hold just the two pints of milk."

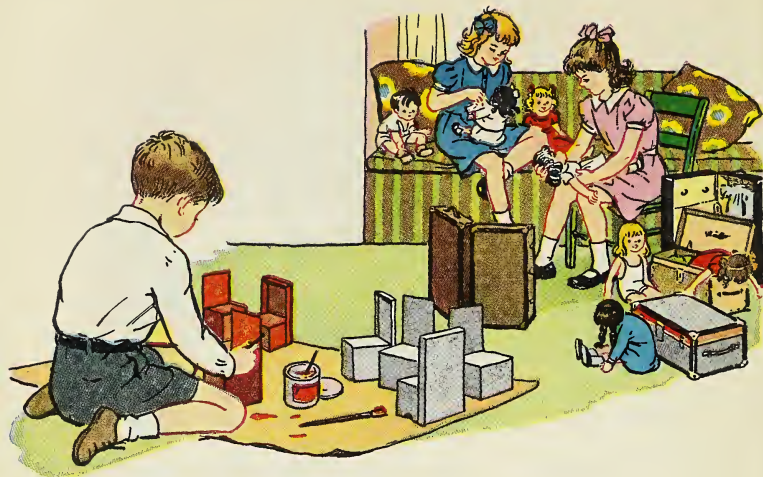
Betty put all the milk from the pints into the quart bottle.

"Look," she said, "the quart bottle can hold the two pints of milk and no more.

The store man was right. Two pints are the same as one quart."

1 quart is ____ pints.

1 quart and 1 pint are ____ pints.



Playing with Toys

After school on Thursday Betty, Mary, and Bobby played with their toys.

1. Betty had 3 dolls to play with, and Mary had 4 dolls. How many dolls did both girls have to play with?

2. Bobby decided to help the two girls by painting all of their doll chairs. He painted 3 of the 7 chairs. Then he had how many more doll chairs to paint?

$$\begin{array}{r} A \\ 3 \\ + \frac{4}{7} \\ \hline \end{array}$$

$$\begin{array}{r} B \\ 4 \\ + \frac{3}{7} \\ \hline \end{array}$$

$$\begin{array}{r} C \\ 7 \\ - \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} D \\ 7 \\ - \frac{4}{3} \\ \hline \end{array}$$

3. Mary and Betty had 7 dolls and 4 doll trunks. How many fewer trunks than dolls did they have?

Give the answers:

$$\begin{array}{r} 9 \quad 3 \quad 4 \quad 10 \quad 3 \quad 7 \quad 4 \quad 8 \quad 1 \\ -3 \quad +4 \quad +1 \quad -8 \quad -2 \quad -3 \quad +6 \quad -1 \quad +3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 2 \quad 4 \quad 10 \quad 5 \quad 8 \quad 6 \quad 9 \quad 7 \\ -6 \quad +5 \quad +3 \quad -5 \quad +3 \quad +2 \quad +3 \quad -2 \quad -4 \\ \hline \end{array}$$

Wide, Wider, Widest

1. Is the red ribbon wider than the green ribbon?
2. Is the red ribbon the widest?
3. Is the blue ribbon the widest?



Number Stories

1. Betty and Jane made some coats for their dolls. Betty made 4 coats, and Jane made 3 coats. How many coats did both girls make?

2. Bobby went to the store to buy a can of fish for Fluffy. The can of fish cost nine cents, but Bobby had only six cents. How much more money did he need to buy the can of fish?

3. Jack put four cents in his bank on Tuesday and three cents on Wednesday. He put how much more money in his bank on Tuesday than on Wednesday?

4. There were 8 boys on one slide and 2 boys on another slide. How many boys in all were on the two slides?

5. Two cents is how much less money than five cents?

6. Susan had ten cents, and Joe had eight cents to spend at the store. Susan had how much more to spend than Joe?

7. One Friday Mary helped her mother buy some prizes for a party. They bought six prizes at one store and three prizes at another store. How many prizes did they buy at both stores?

8. Tom saw nine pigs and seven goats at the farm. How many fewer goats than pigs did Tom see?

9. Joe took two pint milk bottles and one quart milk bottle back to the store. How many milk bottles did he take back to the store altogether?

10. Henry bought one of the nine bats in the toy store window. How many bats were left in the window after Henry had bought one of them?



Stories about the Zoo

The children in Miss Hill's room were going to the zoo. Before they went, they looked for books that would tell them about zoo animals.

1. Tom found 6 little red books that told about animals at the zoo. Susan found 2 big green books that told her about these animals. How many books did these two children find?

$$\begin{array}{r} A \\ 2 \\ + 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} B \\ 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} C \\ 8 \\ - 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} D \\ 8 \\ - 6 \\ \hline 2 \end{array}$$

2. Henry found 8 books about animals at the zoo. Tom found 6 books about them. Tom found how many fewer books than Henry?

3. 2 of the 8 books that Henry found had blue covers on them. The other books he found had yellow covers. How many of the books had yellow covers?

Give the answers:

$$\begin{array}{r} 4 \quad 2 \quad 8 \quad 3 \quad 9 \quad 7 \quad 2 \quad 6 \quad 4 \\ +5 \quad +8 \quad -2 \quad +5 \quad -6 \quad -3 \quad +6 \quad -5 \quad -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 9 \quad 5 \quad 10 \quad 1 \quad 6 \quad 6 \quad 3 \quad 8 \\ -6 \quad +1 \quad +2 \quad -2 \quad +7 \quad +2 \quad -4 \quad +4 \quad -3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 6 \quad 4 \quad 9 \quad 3 \quad 2 \quad 2 \quad 10 \quad 7 \\ -2 \quad +1 \quad +3 \quad -1 \quad +6 \quad +3 \quad +7 \quad -6 \quad -4 \\ \hline \end{array}$$



At the Zoo

The children thought the monkeys at the zoo were very funny. They went back to look at them again and again.

1. The children saw 3 large monkeys and 7 small monkeys at the zoo. They saw how many monkeys altogether?

$$\begin{array}{r} \text{A} \\ 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{B} \\ 7 \\ + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{C} \\ 10 \\ - 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \text{D} \\ 10 \\ - 7 \\ \hline 3 \end{array}$$

2. 3 of the 10 monkeys at the zoo had hats to play with. How many monkeys did not have hats to play with?

3. 7 of the 10 monkeys had bananas to eat. How many monkeys did not have any bananas to eat?

Give the answers:

10	8	3	9	7	10	2	3	10
<u>-7</u>	<u>-6</u>	<u>+4</u>	<u>-3</u>	<u>+3</u>	<u>-8</u>	<u>+6</u>	<u>+1</u>	<u>-3</u>

7	6	6	8	7	3	9	8	6
<u>-5</u>	<u>+4</u>	<u>+3</u>	<u>-2</u>	<u>-4</u>	<u>+7</u>	<u>-4</u>	<u>+2</u>	<u>+2</u>

Counting

Count by

1. tens to one hundred.
2. ones from 61 to one hundred.
3. fives to 50.
4. twos to 20.
5. ones from 79 to one hundred.

Number Stories

1. Betty and her friends were playing a game on the steps of Betty's house. There were 6 girls on the bottom step and 2 girls on the top step. There were how many girls on the two steps?

2. Bobby and his friends needed 10 boys to play a game called "Catch It." They had only 7 boys. How many more boys did they need for the game?

3. Jane had 8 toys that she wanted to have fixed. Joe fixed 2 of these toys. How many toys were left to be fixed?

4. Jack put all of his pennies in piles and counted them. In one pile he put 7 of these pennies. In the other pile he put 3 pennies. How many pennies did he put in the two piles?

Give the Answers

Look at the examples on this page,
and be ready to do these two things:

First: Give answers for the examples
in each row.

Second: Give answers for the examples
under each letter.

	A	B	C	D	E
Row 1	$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$
Row 4	$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$



How Many Are a Dozen?

One day Betty and Bobby were buying some things at the store for Mother.

"Do you have some little cakes?" asked Betty.

"Yes," said the store man, "how many do you want?"

"One dozen, please," said Betty.

So the store man began to count out one dozen little cakes for Betty.

"2, 4, 6, 8, 10, 12 cakes," he said.

"Here you are. One dozen little cakes."

"Now we want one dozen eggs, please," said Bobby.

The store man gave Bobby a long box.

"Here are your eggs," he said. "Is there anything more that you want?"

"No, thank you," said Betty. "That is all."

Then the two children started home.

"Hurry, Betty," said Bobby. "There is something I want to find out as soon as we get home."

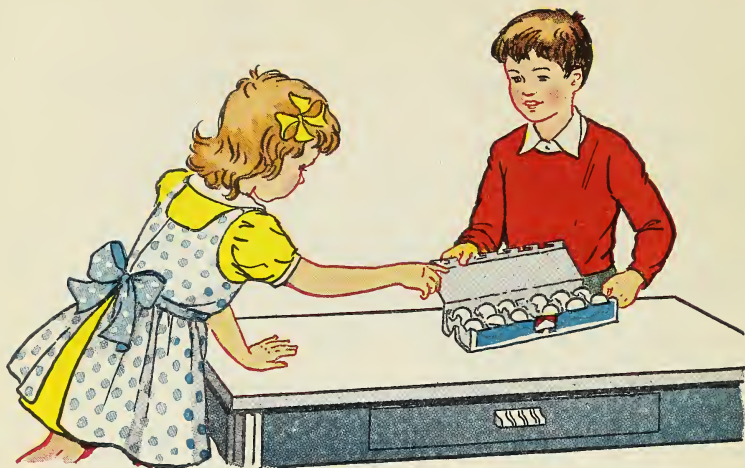
As soon as they got home, Bobby opened the box and began to count the eggs.

He counted them one at a time.

"Why are you doing that?" asked Betty.

"Oh," said Bobby, "I am looking to see whether or not there are a dozen eggs in the box."

And there are 12 eggs in this box, just one dozen."



“Let me count them,” said Betty.

Then she counted the eggs by twos.

“We have just as many eggs as we have little cakes,” she said. “And now I know how many things make one dozen.”

There are one dozen eggs in the box in the picture above. Count the eggs.

One dozen eggs are how many eggs?

If you buy a dozen bananas, how many of them should you get?

Is a dozen more or less than 10?



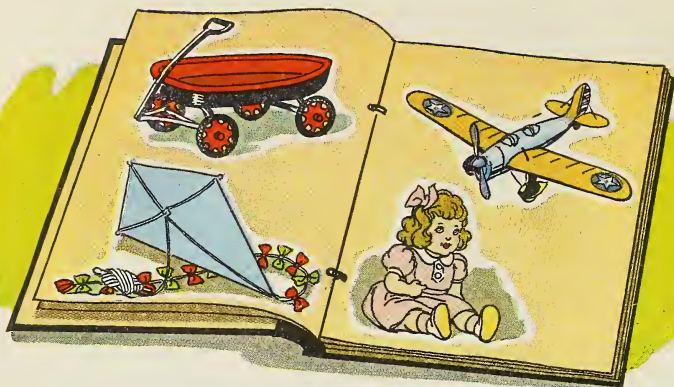
Betty's Picture Book

Betty began to make a picture book of toys one day. She cut out pictures she liked and put them in this book.

In the picture above you can see two pages from Betty's book. These pages show pictures of toys for the beach.

The beach ball is at the upper left, and the boat is at the upper right.

The big toy elephant for the beach is at the lower left, and the toy horse is at the lower right.



1. A wagon is at the left on these pages from Betty's book.

What other toy is at the left?

2. An airplane is at the right.

What other toy is at the right?

3. The two upper pictures show a wagon and an ____.

4. The two lower pictures show a kite and a ____.

5. What is in the upper right picture?

6. What is in the lower right picture?

7. What is in the lower left picture?

8. What is in the upper left picture?

Number Stories

1. After school one day some children got in two lines for a race. There were 3 children in one line and 4 children in the other line. How many children were in both lines?

2. Tom wanted to buy 10 cents worth of candy at the candy store. He had only 3 cents with him. How much more money did Tom need so that he could buy the 10 cents worth of candy?

3. Jane has 4 doll coats and 3 doll hats in a trunk at home. How many fewer hats than coats does Jane have in the trunk at home?

4. One day Mother took some children to the beach. She took 2 boys and 7 girls. How many children did Mother take to the beach that day?

5. The boys took 5 toys to play with at the beach, and the girls took 3 toys. How many toys did the children take to the beach altogether?

6. Jack has 1 very large rabbit and 5 small rabbits in a large cage for pets. How many rabbits are in Jack's cage for pets?

7. The boys at school needed 7 rulers to measure with, but they had only 4. How many more rulers did they need?

8. If you had 2 round cookies and 8 square cookies, how many cookies would you have in all?

9. On Friday Joe saw 7 airplanes and 1 kite flying. How many more airplanes than kites did he see flying that day?

10. 3 cents is how much less than 9 cents?



M A Y



SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

The Calendar for May

Tell which of the answers below is right.
Use the calendar at the top of the page.

1. May 7 comes on

Thursday Wednesday Sunday

2. May 17 comes on

Sunday Friday Wednesday

3. May 26 comes on

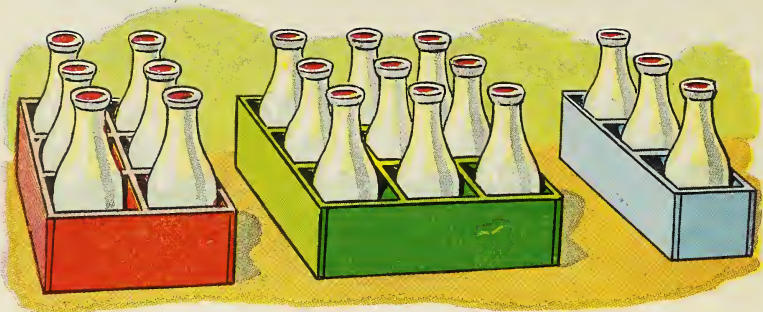
Sunday Monday Tuesday

4. May 1 comes on

Thursday Sunday Friday

5. May 23 comes on

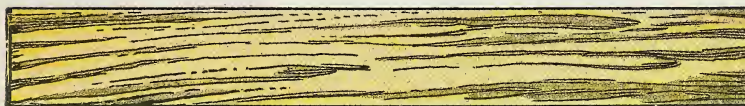
Monday Tuesday Saturday



Narrow, Narrower, Narrowest

Here are some boxes that Betty saw at the store one day.

1. Does the narrowest box have six bottles in it?
2. Does the narrowest box have one dozen bottles in it?
3. Which is the narrowest box?
4. Is the red box narrower than the green box?
5. Is the green box narrower than the blue box?
6. Is the blue box narrower than the red box?



Wide, Wider, Widest

Here are some of the boards that Jack used to make a playhouse.

1. Is the bottom board wider than the top board?

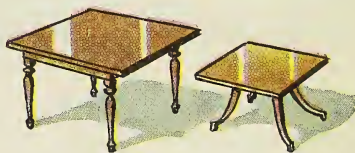
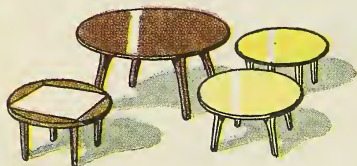
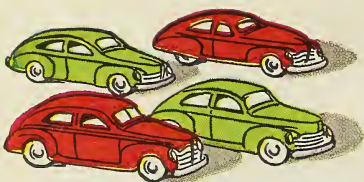
2. Is the green board wider than the top board?

3. Which board is just as wide as the top board?

4. Is the top board the widest?

5. Is the green board the widest?

6. Which board is the widest?



Tell Which Is Right

1. The picture at the upper left shows
beach toys toy cars round tables
2. The picture at the lower right shows
square tables round tables toy cars
3. The picture at the upper right shows
round tables toy cars beach toys
4. The picture at the lower left shows
beach toys round tables square tables
5. In the upper pictures the things are
brown and yellow red and green
6. The lower pictures show
tables for dolls cars and beach toys

Questions to Answer

1. How many days are in a week?
2. The first day of the week is called Sunday. What are the other days called?
3. How many pints are in a quart?
4. How many inches are in a foot?
5. How many nickels will buy as much as one dime?
6. How many cents are in a quarter?
7. A quarter is as much as two dimes and how many nickels?
8. How many eggs are in a dozen?
9. Is a dozen more or less than 13?
10. Are 15 inches more or less than one foot?
11. Bobby cut 4 inches from a board that was 10 inches long. Then the board was how many inches long?

Number Stories

1. Last week Betty got 2 letters, and her father got 6 letters. How many letters did Betty and her father get that week?

2. Bobby and Joe both like to throw toy paper airplanes. Bobby can throw an airplane so that it will fly 7 feet. Joe can throw an airplane so that it will fly 9 feet. Joe can make an airplane fly how many more feet than Bobby?

3. After her birthday Jane started to save money in her new bank. On Monday she put 5 cents in her bank. On Tuesday she put 2 cents in it. How much money in all did she put in her bank on Monday and Tuesday?

4. There were just 7 chairs in the room, and Bobby's mother wanted 8 chairs there. How many more chairs were needed?

5. One day 7 of Joe's marbles fell into a hole near the playground, and 1 of Tom's marbles fell into this hole. In all how many of their marbles fell into the hole that day?

6. The store man put 3 milk bottles on the lowest shelf. Before long he put 7 more bottles on this same shelf. In all how many bottles did he put there?

7. Mary earned 1 cent, and Sally earned 8 cents. How much money did the girls earn altogether?

8. Jack and Bobby played a game to see how many times they could catch the ball. Jack caught it 8 times without missing, and Bobby caught it 6 times. Jack caught it how many more times than Bobby?

9. Henry earned 3 cents. Billy earned 6 cents. How much did both boys earn?

Tell about the Pictures

Here are nine pictures about stories you have read in this book.

What can you tell about the picture that shows

1. Bingo and the surprise at the beach?
2. Star and the cows at the farm?
3. the new feeding table for birds that the children made at school?
4. the clock that helped Bobby know when to come home?
5. the candy turkey that Bobby bought at the candy store and never ate?
6. Bobby and his seven fish?
7. the box that Bingo opened?
8. Bingo's joke on the children who were playing a game?
9. Billy's joke on the children who fell from the wagon?



1



2



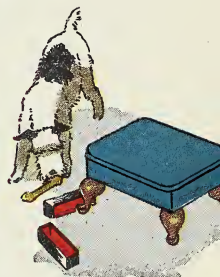
3



4



5



6



7



8



9

Find the Page

1. Which is the bigger of the two tanks in the picture on page 46?

2. What do you see in the picture at the upper right on page 75?

3. What do you see on the middle shelf in the picture on page 102?

4. Which is the largest snow man in the picture on page 154?

5. Which is the longest line that you see in the picture on page 164?

6. Which is the longest pencil that you see in the picture on page 186?

7. Which ribbon on page 223 is narrower than the red one?

8. Which is the narrowest board in the picture on page 241?

9. What do you see in the picture at the upper right on page 242?

	A	B	C	D	E	F
Row 1	$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$
Row 4	$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +6 \\ \hline \end{array}$
Row 5	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$
Row 6	$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$
Row 7	$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$
Row 8	$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$			

	A	B	C	D	E	F
Row 1	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$
Row 2	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$
Row 3	$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$
Row 4	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
Row 5	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$
Row 6	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$
Row 7	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$
Row 8	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$			

TO THE TEACHER

This book, which is the second in the series, has been planned for continuous use after the child has completed one year's work with number concepts. Before beginning the work of the year the teacher should have available for reference *Understanding Numbers, Teacher's Guidebook for the Number Stories Program*. (This Guidebook is furnished free to users of NUMBER STORIES.) A discussion of the primary arithmetic program, complete information on the work of the year, and detailed teacher's notes for *Number Stories, Book Two*, are given in *Understanding Numbers*.

For those teachers who desire supplementary material, the NUMBER STORIES program provides for grade two the *Number Stories Work-Book, Book Two*. The work-book and this book, although carefully integrated, are so constructed that they may be used independently of one another.

LIST OF VOCABULARY

The list on the next two pages shows the new vocabulary of 221 words introduced in *Number Stories, Book Two*.

All words used in this book that were not previously used in *Number Stories, Book One*, are included in this list. Of these 221 new words 69 are used in *Our New Friends*, the first reader of the BASIC READERS. These 69 words are shown in italics. An additional 71 of these new words are introduced in *Friends and Neighbors* or in *More Friends and Neighbors*, the second-grade books of the BASIC READERS. These 71 words are indicated by asterisks.

All inflectional variants of a word are counted as new words, with these exceptions: possessives and plural *s* forms of nouns; singular *s*, *d*, *ed*, and *ing* forms of verbs; compounds and parts of hyphenated compounds. Letters representing sounds that are not words are not counted.

Each of the 444 words used in this book is adequately repeated in the book.

5	Bingo	27	*game	50	<i>paints</i>	75	—
	beach		squares		*used	76	<i>cat</i>
6	<i>things</i>	28	<i>Nancy</i>	51	*bread		Fluffy's
	<i>made</i>		<i>Tom</i>		costs	77	garage
7	<i>rabbit</i>	29	<i>children</i>	52	peanuts	78	<i>kittens</i>
	<i>Jack</i>		*ready		<i>wagon</i>	79	<i>pet</i>
8	<i>boats</i>	30	*if	53	—		<i>think</i>
	mast		*stick	54	—	80	bone
9	*elephants	31	<i>after</i>	55	—		*bring
	trunks		race	56	*clock	81	*answer
10	<i>jump</i>	32	*right		*o'clock		cards
	stop		*start	57	<i>found</i>	82	<i>an</i>
11	<i>can't</i>	33	<i>cows</i>		*would		examples
	<i>laugh</i>		<i>horses</i>	58	*does	83	band
12	lighthouse	34	win		*hand		triangles
	*windows	35	*hives	59	*goat	84	—
13	*carry		<i>round</i>		<i>ride</i>	85	*bells
	<i>Jane</i>	36	*much	60	<i>Billy</i>		Friday
14	*bought		*pile	61	*both	86	<i>dolls</i>
	*dress	37	—	62	*gave		Monday
15	<i>hurry</i>	38	*been		*got	87	add
	opened		<i>next</i>	63	<i>fell</i>	88	*pumpkins
16	*these	39	—	64	<i>ask</i>		Wednesday
	<i>toys</i>	40	*steps		*never	89	—
17	*holds		stilts	65	library	90	<i>party</i>
	pencil	41	<i>back</i>		<i>take</i>		Thursday
18	<i>dog</i>		<i>your</i>	66	*brought	91	*left
	<i>white</i>	42	<i>any</i>		<i>why</i>	92	—
19	<i>green</i>		*Saturday	67	*before	93	stories
	shelf	43	lower	68	<i>read</i>	94	hundred
20	<i>ball</i>		lowest		<i>way</i>		*save
	<i>who</i>	44	low	69	*table	95	—
21	bats		*slide	70	bulbs	96	calendar
	*ropes	45	—		*plant		November
22	*middle	46	fewer	71	Henry	97	Sunday
	*Miss		tanks		Mary		Tuesday
23	*I'll	47	less	72	*flowers	98	*bank
	<i>let</i>		*water	73	<i>room</i>		decide
24	—	48	*enough		*week	99	below
25	playground	49	—	74	bowls	100	quarter
26	<i>boys, girls</i>				*their		worth

101 —	137 <i>cookies</i>	169 *covers	208 —
102 —	138 —	170 —	209 —
103 *star	139 prizes	171 —	210 —
104 <i>stores</i>	ribbons	172 *earn	211 —
105 —	140 —	173 —	212 —
106 <i>story</i>	141 <i>animals</i>	174 —	213 —
107 <i>turkey</i>	142 —	175 —	214 <i>eggs</i>
108 —	143 *cakes	176 loaves	215 —
109 *need	144 —	177 —	216 <i>pigs</i>
<i>took</i>	145 *paper	178 —	217 —
110 —	146 —	179 —	218 —
111 <i>guess</i>	147 —	180 —	219 —
112 <i>our</i>	148 <i>Susan</i>	181 —	220 pints
113 *Joe	149 *same	182 —	quart
114 <i>know</i>	spend	183 —	221 bottle
115 <i>old</i>	150 —	184 *cut	222 —
116 —	151 *letter	185 —	223 —
117 *above	152 —	186 —	224 —
118 *fix	153 January	187 *boards	225 —
*told	154 <i>snow</i>	188 <i>feet</i>	226 —
119 —	155 airplanes	*foot	227 —
120 —	<i>friends</i>	189 —	228 —
121 *chairs	156 —	190 —	229 —
122 *line	157 feeding	191 —	230 —
123 brushes	*wide	192 <i>milk</i>	231 —
subtract	158 narrow	193 —	232 dozen
124 —	narrower	194 —	233 —
125 —	159 wider	195 —	234 —
126 marbles	widest	196 <i>fly</i>	235 upper
127 <i>cars</i>	160 inches	kites	236 —
puzzles	measure	197 —	237 —
128 —	161 —	198 —	238 —
129 *only	162 narrowest	199 —	239 —
130 —	163 inch	200 —	240 —
131 <i>Sally</i>	rulers	201 —	241 —
132 —	164 —	202 —	242 —
133 —	165 —	203 —	243 —
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